

1978

1978 Modulus

Rose-Hulman Institute of Technology

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MODULUS

1978

Volume 104

Rose-Hulman

Institute of Technology

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Tony Hulman

As Rose-Hulman Institute of Technology paused for a memorial service for Anton Hulman, Jr., on the clear, but crisp morning of October 31, 1977, there was a genuine feeling that Rose-Hulman had lost a very dear friend.

President Hulbert officiated at the brief service at the flag pole as the Red, White and Blue flew at half staff in memory of Mr. Hulman, who died October 27 in Indianapolis.

"I personally never met a man I like more," said Dr. Hulbert. "We are all aware that the outstanding success which our Institute is experiencing is in a large measure due to the generosity of Tony and Mary Hulman.

"I believe I know what Mr. Hulman would want us to do at this time, that is, not to dwell on our loss but to rededicate ourselves to constantly strive to make his school and our school a better place to receive under-graduate education in science and engineering."

Mr. Hulman's association with Rose spanned seventy years. When he was a small boy the Hulman family lived across the street from the Chauncey Rose estate and next door to the Rose chapter of Alpha Tau Omega fraternity. Upon Mr. Hulman's return to Terre Haute and the family business following prep school and his graduation from Yale University where he was an All-America in football and international standout in track and field, the young graduate engineer served as freshman football coach for Rose Poly and also coached the varsity line.

Mr. Hulman, who served on Rose-Hulman's Board of Managers for 30 years and was chairman of the fund drive in 1948 which provided the fieldhouse and the final phase of the Centennial Campaign which provided the library, recreation center and other improvements, built Hulman & Company into one of the Midwest's largest and most diverse enterprises. The company was founded as a grocery supply business by Mr. Hulman's grandfather.

Mr. Hulman was best known as the owner and president of the Indianapolis Motor Speedway and the most famous words of auto racing, "Gentlemen, Start Your Engines." In short, Mr. Hulman brought class, dignity and professionalism to auto racing and turned the dilapidated brick oval at Indianapolis into the racing capital of the world.

To Rose-Hulman he gave leadership and loyalty. But his primary interests were not balance sheets or programs, but members of the student body.



1901-1977



Mr. and Mrs. Hulman



Impressions, Expressions . . . Reflections





Impressions, expressions and reflections form the basis of our lives. As individuals, we see this trilogy as separate parts of our total existence. But when one considers the whole experience of humanity, the expressions and thoughts of others become our impressions. As we share our lives with others, we create a perfectly unique experience for each person.





Student Life



*Ale, man, ale's the stuff to drink . . .
 To see the world as the world's not.
 And faith, 'tis pleasant till 'tis past:
 The mischief is that 'twill not last.
 Oh I have been to Ludlow fair
 And left my necktie God knows where,
 And carried halfway home, or near,
 Pints and quarts of Ludlow beer:
 Then the world seemed none so bad,
 And I myself a sterling lad;
 And down in lively muck I've lain,
 Happy till I woke again.
 Then I saw the morning sky:
 Heigho, the tale was all a lie;
 The world, it was the old world yet,
 I was I, my things were wet,
 And nothing now remained to do
 But begin the game anew.*

—A. E. Housman



"In the beginning there was Herman . . ." Homecoming 1977 got off to a smash start with the pep rally on Friday, October seventh. Mrs. Bobbie Sigmund was crowned Homecoming Queen. The combined enthusiasm of the students and alumni was enough to shake the rafters of the fieldhouse. The bonfire was ignited soon afterward, even in the pouring rain. The freshmen had passed the tests of the sophomore class. The fun continued with dancing to the music of Madison Zane. The Homecoming game against Hanover College began Saturday at 2:00 pm. Rosie made a belated entrance at halftime complete with red smoke and artillery simulators. Though we lost the game, the alumni attended a victory party in the fieldhouse. Megan McDonough and Mada Rue brought the festivities to a close. All that remained was to clean up and store Rosie away until next year.

Homecoming









Impressions

*Are they shadows that we see?
And can shadows pleasure give?
Pleasures only shadows be
Cast by bodies we conceive
And are made the things we deem
In those figures which they seem.*

*But these pleasures vanish fast
Which by shadows are expressed;
Pleasures are not, if they last;
In their passing is their best.
Glory is most bright and gay
in a flash, and so away.*

*Feed apace then, greedy eyes,
On the wonder you behold;
Take it sudden as flies,
Though you take it not to hold.
When your eyes have done their part,
Thought must length it in the heart.*

— Samuel Daniel



*I knew a woman, lovely in her bones,
When small birds sighed, she would sigh back at them:
Ah, when she moved, she moved more ways than one:
The shapes a bright container can contain!*

— Roethke



Honors

Twenty students received special recognition for academic excellence at the fall honors convocation.

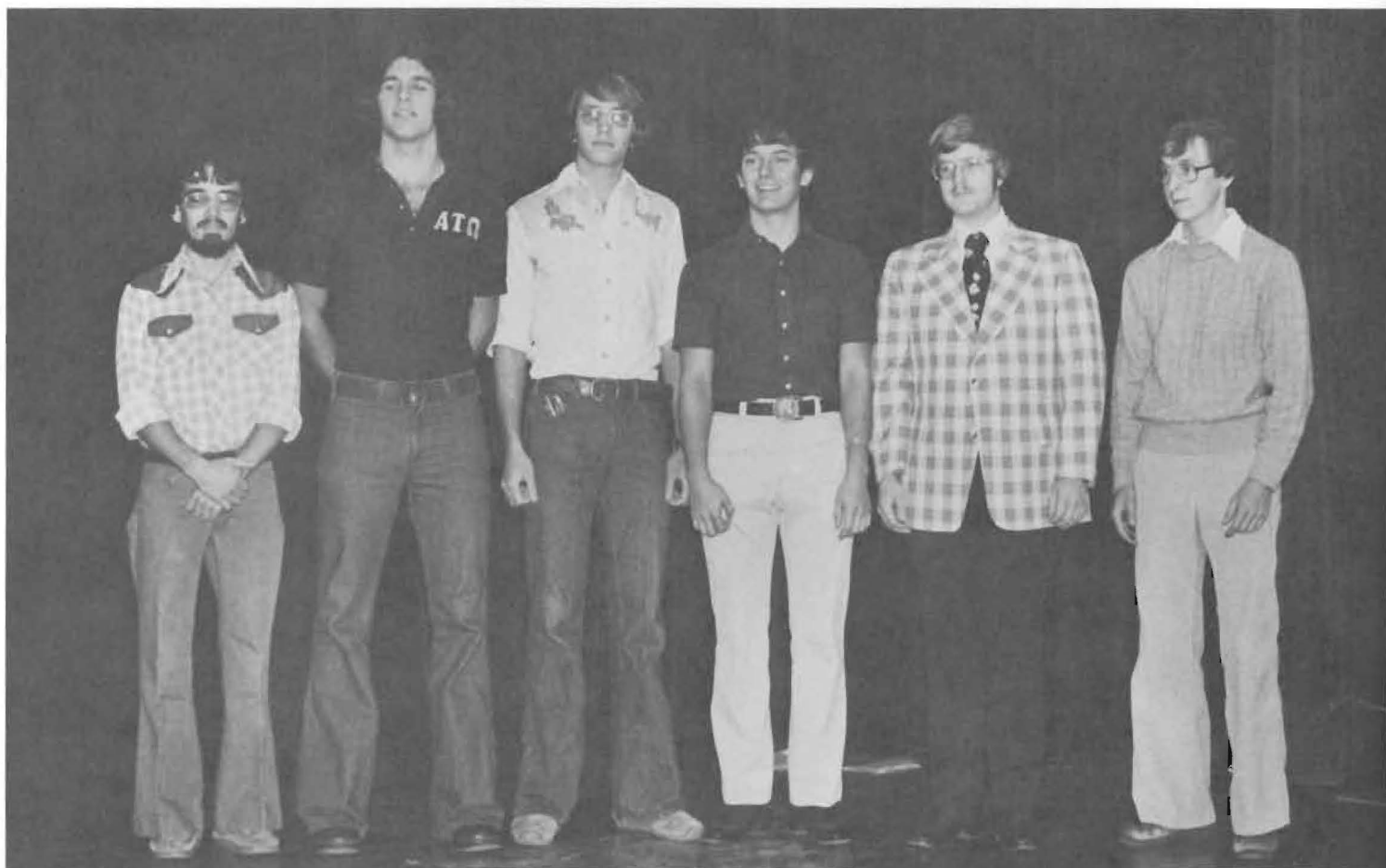
Four sophomores received the bronze Heminway medal for the highest grade point average in their freshman year. Gerald Fish, Bob Luoma, Dwight Dively, and Steve Long maintained a perfect 4.0 average.

Junior Tim Jackson and senior Barry Carlin won the Bogart Prize and the Wischmeyer Award, respectively, for the highest cumulative GPA's in their classes at the end of the 1978-77 school year.

Other award recipients were John Kovich, Pfizer Award; Kenneth Krupa, E. Dean Powell Award; John Hurst and Jeff Martin, Undergraduate Award in Analytical Chemistry; Dwight Dively and Bob Luoma, Outstanding 1976-77 Freshman Chemistry Students; Dennis VandenBrink, Shelton Hanning Award.

Also, Donald Hoffman, E. A. MacLean Award; Gerry Dail, Cummins Company Award; Bruce Kistler, Mueller Company Award; Robert Strickland, Outstanding Senior Physics Award; Rich Wolf, Prindle, Weber, Schmidt Book Award; Bob Luoma, Paul Beniefel, Tony Mazzoni, Jan Slupesky and Robert Strickland, Certificates of Merit in Mathematics.

In addition, many students were recognized as pledges to the various Honoraries at Rose.



Class Honors (l. to r.) Gerald Fish, Steve Long, Bob Luoma, Dwight Dively, Tim Jackson and Barry Carlin.

Convocations



The spring honors convocation was combined with the Rose Riots to give awards to 28 students and satirize life at Rose-Hulman.

Honor Keys were given to thirteen seniors and five juniors in recognition of their contributions to student life at Rose.

Seniors were Larry J. Beal, Gary A. Eck, Gary E. Ellis, Chris L. Hebb, David L. Johnson, Jeff A. Justus, Gregg A. Migaki, Michael E. Privette, Donald G. Rosenbarger, Michael W. Schneider, David R. Sutherland, John F. Teskey, and Ronald A. Wier.

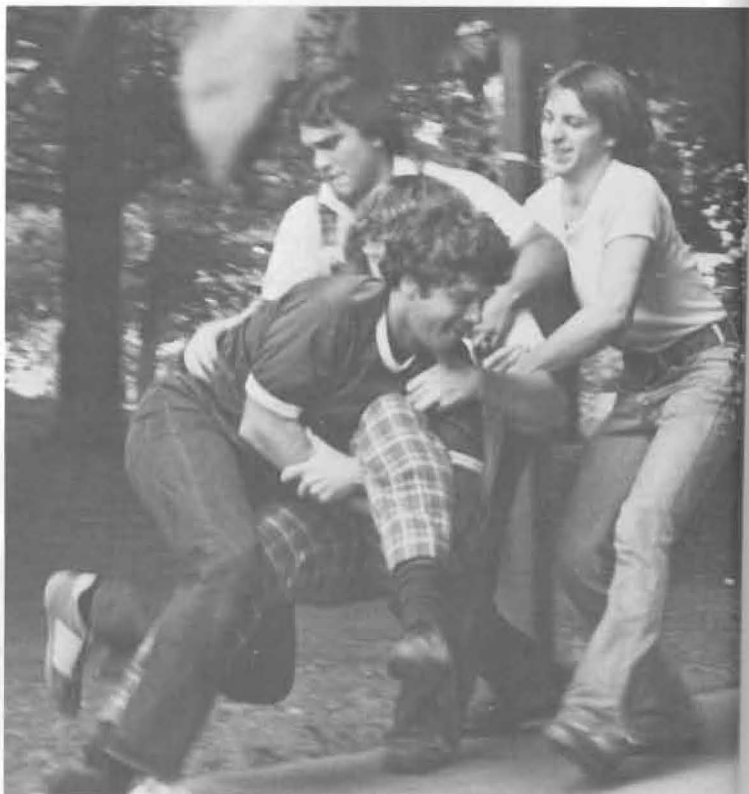
Juniors receiving Honor Keys include Blair Atherton, Kenneth Burch, Robert W. Burwell, Daily S. Hill and John M. Rasp.

Other award recipients include John S. Andersen, Clarence P. Sousley Memorial Award; David A. Whitely, Outstanding Senior Electrical Engineering Student; Ronald G. Wolenty, Outstanding Rose Institute of Electrical and Electronics Engineers Chapter Member; and Mark A. Leavitt, Outstanding Rose American Society of Mechanical Engineers Chapter Member.

Also, David H. Potter, C. L. Mason Award; Mark A. Givan and Ules P. Ransford, D. J. Angus-Scientech Educational Foundation Awards; Robert A. Shipp, Wall Street Journal Student Achievement Award; and Will A. Bishop, Herman E. Turner and Steve A. Leonard, first, second and third places, respectively, in the local American Society of Mechanical Engineers paper contest.



*All the world's a stage,
 And all the men and women merely players:
 They have their exits and entrances;
 And one man in his time plays many parts,
 His acts being seven ages. At first the infant,
 Mewling and puking in the nurse's arms.
 And then the whining school-boy, with his satchel
 And shining morning face, creeping like snail
 Unwillingly to school. And then the lover,
 Sighing like furnace, with a woeful ballad
 Made to his mistress' eyebrow. Then a soldier,
 Full of strange oaths and bearded like the pard,
 Jealous in honour, sudden and quick in quarrel,
 Seeking the bubble reputation
 Even in the cannon's mouth. And then the justice,
 In fair round belly with good capon lin'd,
 With eyes severe and beard of formal cut,
 Full of wise saws and modern instances;
 And so he plays his part. The sixth age shifts
 Into the lean and slipper'd pantaloon,
 With spectacles on nose and pouch on side,
 His youthful hose, well sav'd, a world too wide
 For his shrunk shank; and his big manly voice,
 Turning again toward childish treble, pipes
 And whistles in his sound. Last scene of all,
 That ends this strange eventful history,
 Is second childishness and mere oblivion,
 Sans teeth, sans eyes, sans taste, sans everything.*
 —Shakespeare



Expressions



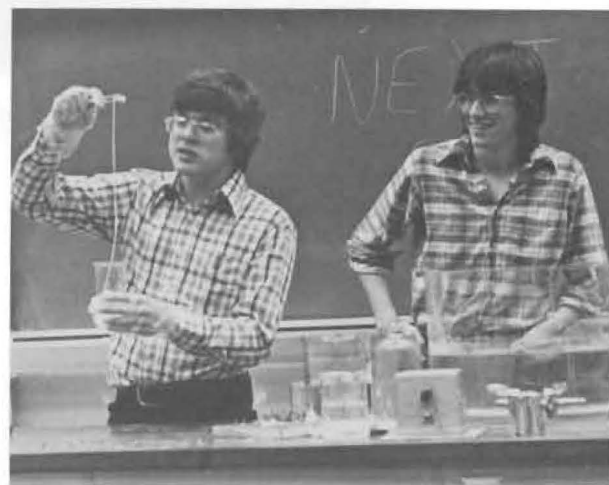


Parents' Day



Parents' Day is an annual event designed to give the families of students an accurate view of life at Rose. Chaired by Steve Long, the 1978 edition was attended by approximately 600 visitors.

During the morning, the Glee Club, Band, and Rose Rifles performed; the Rose Show, sponsored by Blue Key, was composed of exhibits and experiments from each of the school's academic departments. After a Saturday afternoon cookout in the fieldhouse, Rose Christian Fellowship gave a presentation, and the Drama Club performed the play *Arsenic and Old Lace*. Rose's intercollegiate athletes also competed, as a track meet and tennis match were held during the day. The weekend ended on Sunday with the Greek Games and Fraternity Songfest.





Reflections





*If we shadows have offended,
Think but this, and all is mended,
That you have but slumb'ed here
While these visions did appear.
And this weak and idle theme,
No more yielding but a dream,
Gentles, do not reprehend:
If you pardon we will mend:
And, as I am honest Puck,
If we have unearned luck
Now to 'scape the serpent's tongue,
We will make amends ere long;
Else the Puck a liar call:
So, good night unto you all.
Give me your hands, if we be friends,
And Robin shall restore amends.*

—Shakespeare

Commencement





As the 245 members of the Class of 1978 filed two abreast from Moench Hall and down the hill to the fieldhouse for the 100th Commencement, there was a deep feeling of accomplishment, grandeur and pride evident among the graduates, their parents, faculty and friends.

The processional went much more quickly than most had expected as they stood in the 90-degree heat awaiting the command from Dean Jess Lucas to proceed down the hill. And more than one reflected that the four years as Rose-Hulman had gone at a dizzying pace. Will the next four pass so quickly?

Even the speeches and awarding of honorary doctorates were bearable. The alumni representative spent as much time urging graduates to be good engineers as he did asking for support; senior class president Roger Edelbrock responded with a to-the-point message of thanks for the opportunities afforded at Rose-Hulman and in the future in the world of engineering. His message was underscored by a "thank you, Mom and Dad."

E. E. David, Jr., president of Exxon Research and Engineering Company, and formerly science advisor to President Nixon, challenged the graduating seniors to use their backgrounds and education for the good of mankind.

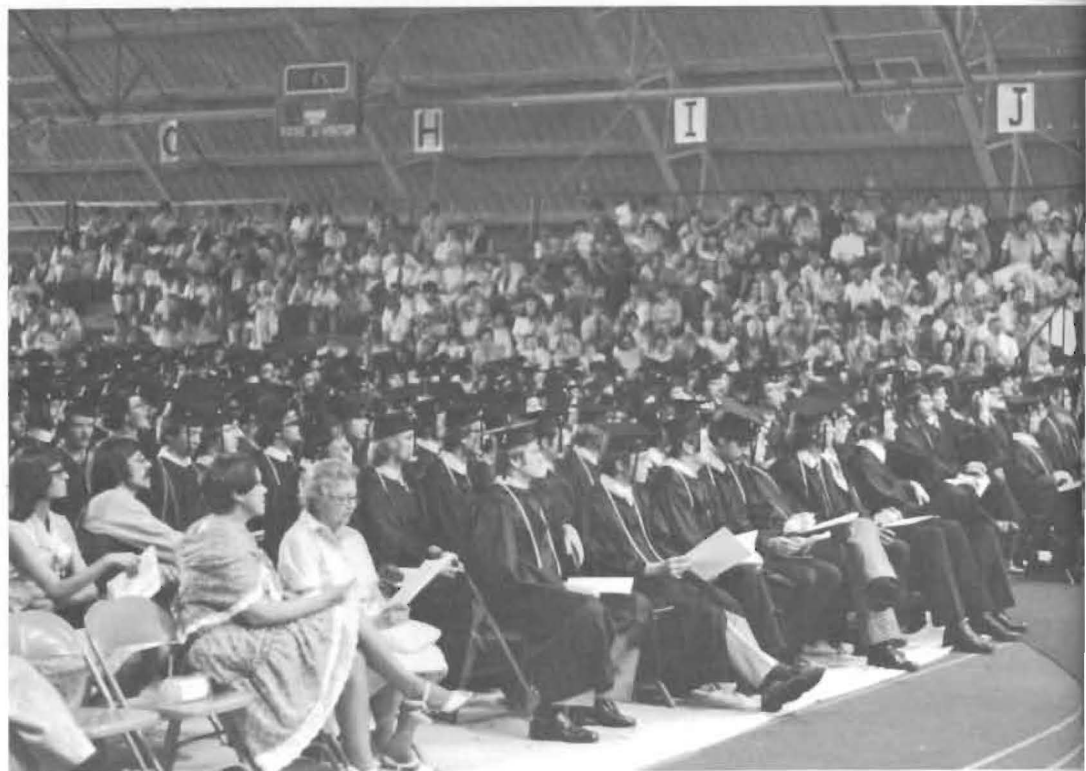
"My message to you is that your proper role as engineers and scientists goes far beyond the traditional functions. As you know, our usual function is to create and use knowledge and technique for the benefit of mankind. But my experience these past few years has convinced me that our community is the country's best hope for maintaining its integrity and its moral and ethical values. It is not that engineers and scientists are especially endowed with honesty, or that they are not subject to human frailties. They certainly are. It is rather that science provides mankind's link to reality—the reality of the natural world and increasingly the world of living things and society.

... These special roles (the link to reality and the social-technological contract) are becoming ever more vital—so you in the graduating class are joining an enterprise which has that very special role—not always popular—but always necessary."

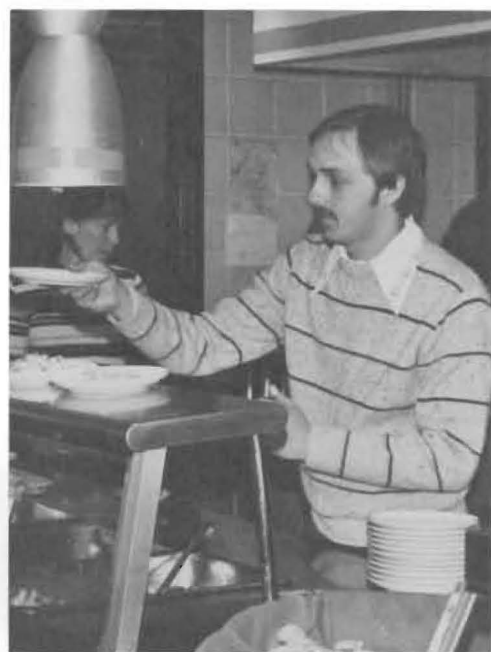
Dave Johnson, who served as president of both the IDC and SGA, was awarded the John Tuller Royse Medal as the outstanding senior. Barry Carlin received the gold Heminway Medal as the graduate with the highest GPA while at Rose.

Professor Bob Steinhauser received the Dean's Outstanding Teacher Award and Til Panaranto was presented the President's Outstanding Service Award.

Following the ceremony, the 3,000 gathered for commencement crowded onto the lawn of the fieldhouse to exchange congratulations and farewells.







ORGANIZATIONS



Student Government Association

The Student Government Association is generally considered to be the voice of the students at Rose. Based on a large student membership and extensive cooperation with the administration, the SGA takes responsibility for representing the student opinion in committees dealing with school planning, policy formation, and interstudent discipline.

The body's elected representatives discussed and debated over many topics during the regular meetings spread throughout the year. These topics included the operation of school facilities, such as the vending machines, copiers, and switchboard hours; student affairs, including the honor point system and the student review board; and the budget for the upcoming year. Committees held additional meetings to facilitate the running of student elections and the traffic court, to formulate new SGA policies and to assist the SGA officers in their business and relations with the administration.



That SGA refrigerator is putting out so much cold air that I'm about to freeze to death!

SGA officials Gregg A. Migaki, Greg Tarvin, Jim Craig, Dave Johnson, Gary Eck, and John Rasp stand in front of Fred Oak. Below: SGA representatives are, from left to right, front row: Bill Scherer, John Schuster, Mike Coulup, Bob Walker, Tim Jackson, Buddy Atherton, Kevin Miller, Daily Hill and Dennis Heavin; second row: Bruce Deeds, Bob Pease, Pete Haines, Larry Beal, Norman Frey, Ken Burch, Kim Knollenberg, Phil Monhaut, Dave Johnson, and Kevin Barrer; third row: John Sidenstick, Bob Cultice, Mike Sterling, Tim Siktberg, Chuck Sigman, Gary Eck, Don Ringwald, and Greg Hemmer.



Interfraternity Council

The Interfraternity Council believes that many advantages are derived from a brotherhood of collegians who attempt to promote the best interests of everyone. The Council was established to form a common bond between the individual social fraternities, students, faculty, administration, and townspeople. It looks at all problems involving fraternities, and tries to present the Greek system in a favorable manner to the entire campus.

The main activity of the Council is to supervise the fall rush program, but it also emphasizes other things, such as fraternity scholarship. The IFC organizes the Greek Games and sponsors some school activities, such as the blood drive, each year.



Nichols, Greg Hemmer, Dennis Grannan, John Burkey, Tom Burtzlaff, Buddy Atherton, Willie Frizzell, Earl Stalter, Tim McGrath, Steve Long, Jay Gehring, Denny Byram, Bill Lowry, President Doug Stearley, Rich Priem, Dale Johnson.

Interfraternity Council Representatives are: Dr. Jess Lucas, Paul Yeager, Dan Haas, Matt Hodson, Dave Wasil, Henry Werling, Chuck



Students Activities Board

The Students Activities Board is an organization run completely by the students of Rose-Hulman which provides a variety of programs of entertainment year round. Hosting concerts from the hard rock Road Master and Powerhouse to the picking and grinning of the Special Consensus Bluegrass Band, SAB continuously strives to please the students with everything from coffeehouses to convocations.

The Board has been involved in the National Entertainment and Campus Activities Association and will continue to do so. Regional conferences give board members a chance to review topnotch upcoming talent while mixing in educational sessions on topics such as leadership and finding local talent. A lot of mini-programs were initiated about a year ago. They have become some of the most popular events. These are programs such as the talent show and mattress piling contest. Many are used as promotion for athletic events such as the Aces' frisbee team performing at the half-time of a

football game.

Probably the biggest event of the year was the Homecoming concert by Megan McDonough. This beautiful singer was very warmly greeted by the all male school. Another big event is the annual Les Orleans Discotheque. Put on by Rose's SAB and comparable organizations at ISU and St. Mary's, it is the most impressive disco the Terre Haute area will ever see. More than just a large disco, it includes a games section and a coffeehouse section featuring talent from the three schools.

Jim Post, Tim Settimi, Bob Friday, and Rita Schuenenman are just a few of the many entertainers brought to Rose through the SAB. All night movies, Rose Riots, and the Christmas Convo serve to round out the schedule. The list goes on and on. Constantly working to bring you singers, dancers, magicians, and lecturers, or anything else called entertainment is what the Student Activities Board is all about.





SAB members relax in the WORX after a meeting. From left to right are Greg Tarvin, Jerry Fish, Todd Royer, Daily Hill, (second row) Bob Luoma, Brian Bounds, Randy Clinard, Chris Hebb, (back

row) Rod Norder, Pete Gustafson, Mark Fleck, Donna Gustafson, Larry Smith, Dale Bohnenkemper, Dave James, Kendal Smith, and Jim Payonk.



Inter-Dorm-Council

The Inter-Dorm-Council (IDC), which will be known next year as the Resident Hall Association (RHA), is a student operated organization for the benefit of students living on campus. The main objective of the IDC is to promote student activities for the on-campus students. In addition to helping with the resident hall parties and sponsoring the movies throughout the year, this year the IDC sponsored several new events. These included the "Yell Like Hades Contest", the Kings Island outing and several tournaments such as, ping-pong, bridge, and euchre. The IDC's big events for the year were the homecoming dance, featuring Madison Zane, and the ever popular ski trip.



IDC members Mark Nagy, Kendal Smith, Randy Parrish, Tom Genchak, (second row) Pete and Donna Gustafson, Jim Payonk, Joe Gaines and Bob Strickland relax in the WORX.





Rose Christian Fellowship

Rose Christian Fellowship is a chapter of the InterVarsity Christian Fellowship, and a part of a worldwide organization for evangelical Christians on college campuses. R.C.F. has three primary goals: evangelism, discipleship, and missions.

Evangelism involves spreading the Good News of Jesus Christ and our hope for salvation and eternal life through Him.

Discipleship may manifest itself in several forms: prayer and prayer meetings, Bible study, action groups, etc. Its basic meaning is service to God— service that produces stronger, more devout Christians.

The missions respond to Christ's call to spread His word to all parts of the Earth. R.C.F. is not confined to the Rose campus: it supports mission work throughout the world.

The Chapter's largest project this year was TWENTY ONE HUNDRED, a large scale multi-media production on man's deprivation and his need for God. With a lot of advance publicity and behind the scenes work, the program was a real source of thought for the many people who attended.

God is at work at Rose-Hulman, and some of His work is done through the Rose Christian Fellowship.



Some of the members of the Rose Christian Fellowship are, from left to right, Rex Stocklin, Kent Moraga, Stan Cooper, David Mead, Tim Siktberg, Steve Franks, Rod Bowen, Terry Gatewood, Shane Hutton, Rich Robbins, Lou Jones, Dale Parker, Jim Phillips, Bruce Long, Jan Slupesky, Steve Whitaker, James Mann, Steve Martin, Greg Harris, Mike Clouser, Ken Ferry, John Rasp, Dale Newby, Rodney Miller, Dave Finley, and Meredith Gafford.





Following a tradition of Christian service, the R.C.F. took the initiative to clean up around the lake to help get the campus looking its best for Parents' Day. After a short spell of cool, rainy weather disappeared, the Fellowship tackled the job with enthusiasm and energy. The results . . . a more beautiful lakeshore and a testimony to the spirit of Rose's Christian community.



Modulus

This year's Modulus staff was a group of first-timers who wished to see a quality yearbook published on time. At the beginning of the year, with the previous two yearbooks being late, it was doubtful a yearbook would be published again at Rose. But under the artful leadership of Eric Hoierman, the Rose-Hulman administration was assured of the success of the 77-78 yearbook. After much prodding, kicking, and pushing, the undermanned staff saw the completion of the yearbook. It is the hope of the Modulus staff that you, the students, professors, alumni, and friends, will receive this book with enthusiasm and will endeavor with us in the future to produce other quality yearbooks.



Frank Fort fantasizes finish.



Todd Royer learns he has 25 pages due on Friday.



The deadline looms closer to Eric.



Chuck Sigman plays with his typewriter.



Greg Z. says Saga and growing boys go together.



Galen finds something good-looking.



L. D. adds there are only 5 pages left to go.

Credits

Editor-in-Chief	Eric T. Hoierman
Photo Editor	Greg Zimmerman
Section Editors	Don Ringwald
	Frank Fort
	Eric T. Hoierman
	Galen Kannarr
	Todd Royer
	Chuck Sigman
	L. Dale Wellman
Cover Art.....	Tim Guetersloh
Photographers.....	Greg Zimmerman
	Tim Guetersloh
	Paul Hahn
	Galen Kannarr
	George Tackett
	Chuck Parkins
Advertising	George Tackett
	John Schuster
Contributions	Ken Burch



Chuck Parkins and Don Ringwald only want to look at the pictures.

Thorn

The Thorn is Rose-Hulman's student campus newspaper. Sometimes it has been referred to as "Terre Haute's only real newspaper". Under the editorship of John Teskey, the staff met its deadlines consistently. Even though the Thorn was forced to go to a biweekly schedule, it has informed the student body of many changes, external and internal, which may affect their lives. It also reported other things, besides the news, which might interest the Rose man. These things ran the gamut from book and record reviews to the ever popular decent chick of the week picture.



The Quarterly



The Quarterly is Rose-Hulman's literary magazine. As such, it provides an outlet for the creative energies of Rose students. Any student or faculty member may submit their writings to the Quarterly staff. These works include poetry, short stories, humor, essays, or cartoons. The editor of that Quarterly issue then selects the pieces which he feels are best suited for the magazine. Editors for the 77-78 school year were Fred Becker, Phil Amick, and Joe Allgren. Covers for each issue are selected and then printed by a local printing

company. Subscriptions are sold to students and faculty at the beginning of the year, but individual copies can still be bought. At a technical school such as Rose, it is beneficial to have a literary magazine to act as an escape valve. The Quarterly tends to emphasize the non-technical side of Rose and gives students a chance to show they are proficient in other things besides engineering. The faculty advisor for the past year was Dr. Patricia Carlson.

The Quarterly staff consisted of Phil Amick, Joe Allgren, Paul Carr, Gene Jones and Leslie Light.



WRTR Radio Club



WRTR is the student operated campus radio station. WRTR offers to its members the opportunity to gain experience in speech, writing, editing, and effective presentation. WRTR also offers practical applications of principles treated in the academic program at Rose. In addition to offering education and experience through the 14 member executive board positions. WRTR maintains a library of over 350 records with check out privileges for all its members. WRTR's well equipped studio, in the basement of BSB, broadcasts progressive rock music from 6 PM to 12 PM Monday through Friday. WRTR also broadcasts special marathons that involve continuous broadcasting for several days.

WRTR broadcasts to several dormitories on campus by using two AM carrier current transmitters. This has been a year of expansion, reorganization, and planning for WRTR. This station is planning to extend its service to the Rose-Hulman community by replacing its two AM carrier current transmitters with a FM broadcast transmitter.



WRTR's hard-working staff consisted of, Front row, left to right, Mark Vonbokern, Jeff Ausman, Dave Challis, Rick Pflugshaupt, Bill Sutton, Chris Thomas, Larry Hull; second row, Jamie Oxley, Bob Gann, Bruce Bowman, Dan Ferrell, Martin Neulip,

Larry Gavin; third row, Paul Heit, Ken Burch, Mike Johnson, Steve Warden, Wes Wright, and Rick Nicholson.





Band

The Rose-Hulman band is dedicated to providing good music and good times for the members of the band and for audiences ranging from spectators at athletic events to the President's Council Dinner. With a lot of practice and attention to harmony, the band had a rather spectacular season.

We started this year with an exuberance unparalleled in recent memory; however, our numbers decreased somewhat after it was conclusively proven that girls do not necessarily make passes at men who play brasses.

The year started off with the band playing for and cheering on the football team both at home and occasionally on the road (DePauw). When basketball season rolled around, the band was there again, providing the music and leading the cheers. The band's support continued right up through the NCAA playoffs.

Even while the Pep Band was playing, the concert and jazz

bands were preparing for the year to come. Membership problems lead to the combining of these two groups, giving a somewhat augmented jazz band. This group went on the band's almost annual tour to the Chicago area, performing at high schools and generally touring the city.

Other activities that the band performed included convos, Parents' Day, Faculty Wives' Dance, and various other dinners, meetings, and dances.

When the time came to pack up the brasses and drums for the summer, band members could look back on a season filled with applause and triumph, excitement and disappointment, celebration and memorable days of wine and Rosie, and anticipation of starting in and doing it even better in the coming fall.



This year's Band members are Director Jim Aitken, Bob Leipold, Mark Nagy, Bill Sutton, Tim Jackson, Steve Griffith, (second row) Dave Jones, Gary Durack, Russell Read, Rich Morris, (third row)

Tim Jones, Randy Yost, J. R. Moore, Randy Craig, Dan Lytle, Dave Coker, (last row) Bill Sultze, Jeff Dunn, Bill Cooper, Bob McGovern, J. Agee, Dave Hinman, and Kevin Barrer.



Rose Orienteering Club

The new Rose Orienteering Club has enjoyed some measure of success during the '77-78 school year. In particular Frank Smidler finished third at the United States Orienteering Federation Championships. The team as whole did well at the Sault Ste. Marie, Michigan Orienteering meet with one team finishing third in the Orange Course competition and another team finishing third in the advanced course team competition. Again in November the Orienteering club showed its prowess with many awards at the Orienteering meet in Columbia, Missouri. Ken Hilk and Mike Tucker finished third and fourth respectively on the beginners course, while John Moore and their advisor, Kevin Byrnes, finished second and third respectively on the intermediate course and Mike Sigmund finished fourth in the advanced course. The highlights of the season came when Mike Sigmund finished fourth at the national championships and Tim Guetersloh took first place on the advanced course at the Manhattan, Kansas meet. The Orienteering Club finished the year by holding their own orienteering meet.



Club secretary Steve Hanson looks for his first point.



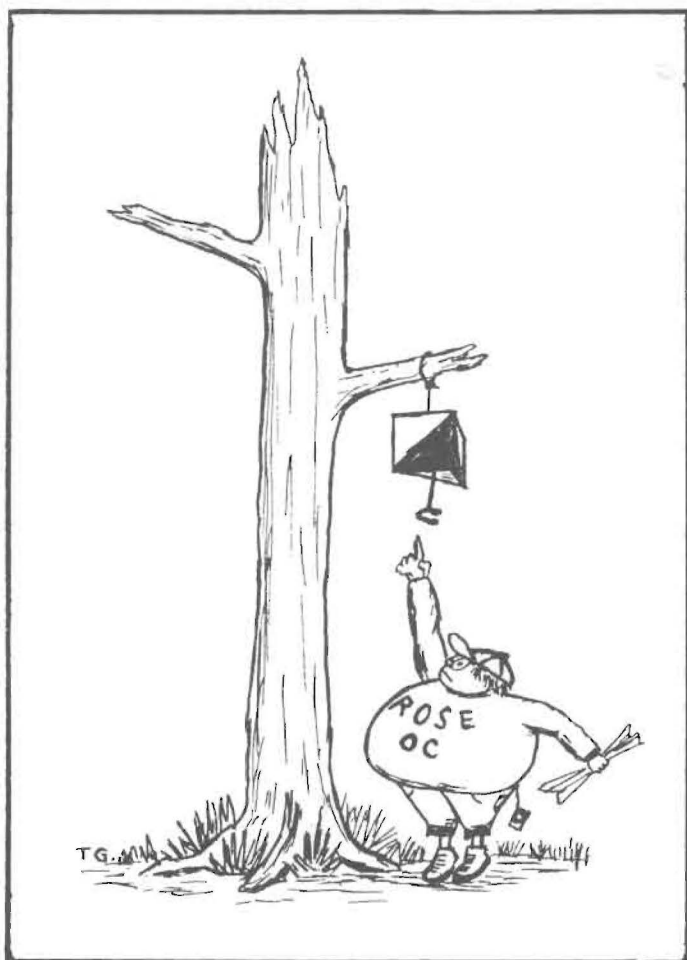
Anchor man and club president Mike Sigmund finishes the last leg of the team relays at the intercollegiate championships in St. Louis, Missouri.



The Orienteering Club displays trophies won at the Soldier Lake Campground meet. Front row: Steve Hanson, Frank Smidler, Carol Davee, and John Moore. Back row: Mike Ullrich, Tim Guetersloh, Mike Sigmund, and Marty Tieva.



Mike McCullough, worn and torn, finds his point.



Soccer Club



Soccer club members are, from left to right, Dick Nyikos, Paul Curtin, Talal Al-Maiman, Mike LaPosa, Kevin Johnson, Tom Roetker, Bob Froetscher, (second row) Don Wyatt, Andy Klotz, Mike Tallman, Steve Wirtz, Blair Hughes,

Kevin Thompson, Dave Jackel, (back row) Jamie Oxley, Phil Murray, Kevin Mericle, Ray Farmer, Jon Febus, and Ralph Smith.





"He dribbles past the defenseman, feints left, shoots, and it's a goal."

No, it's not an excerpt from a basketball game, but something that will be heard on campus loud and clear from now on—the Rose-Hulman Soccer team has finally achieved a permanent status, thanks to the hard work from the 1977 fall team.

The team started practicing five days a week on Sept. 14, preparing for an eleven game schedule. Because no faculty coach was appointed, Ray Farmer was chosen to be student coach. During the year he worked hard to mold the inexperienced players into a winning team. The results were promising, though the scores did not reflect it. A shaky first half resulted in a 9-0 loss to Greenville College in the first game of the season. The rest of the games were much closer, as the scores show. A late second half goal by DePauw gave them a

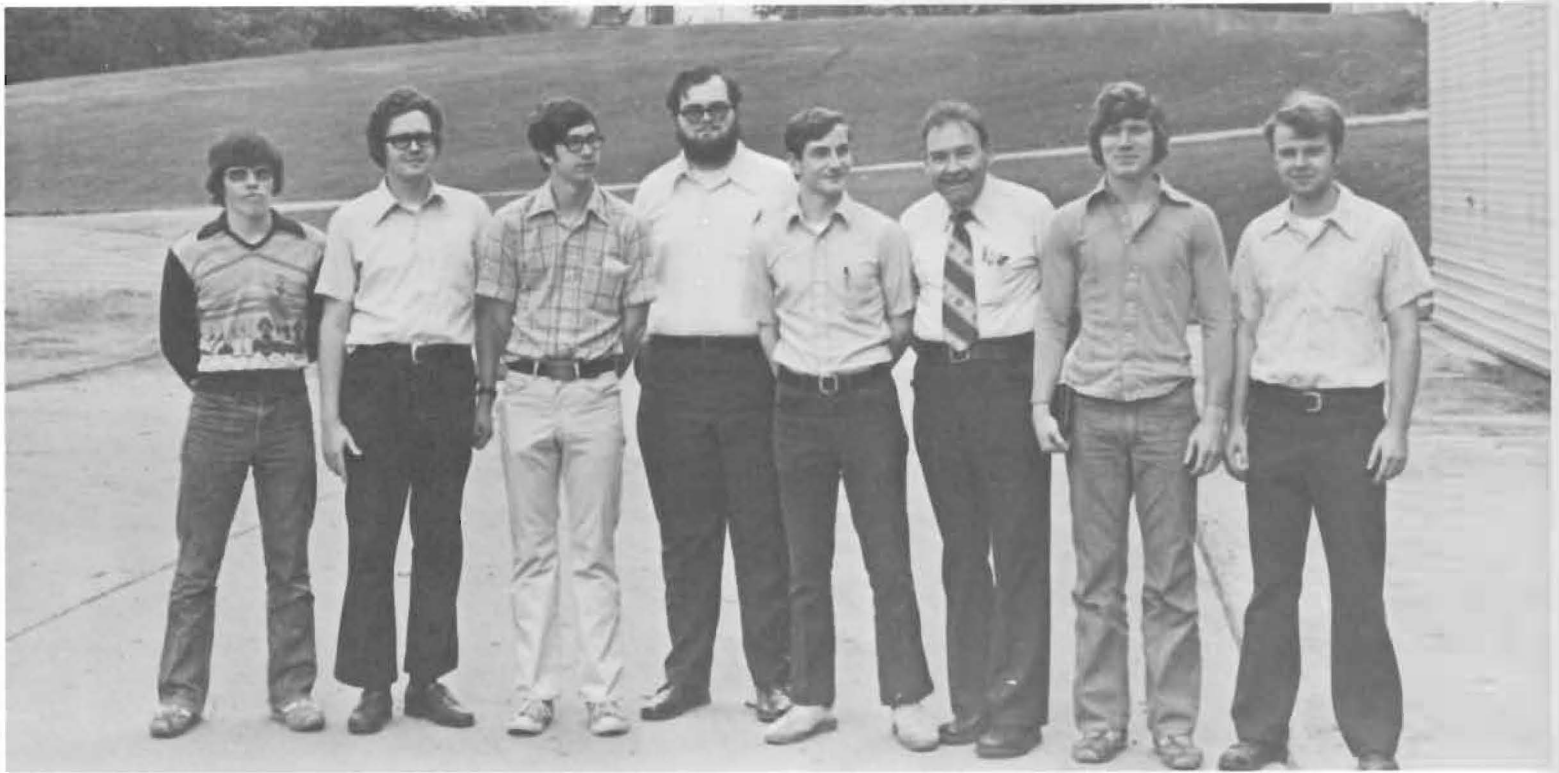


2-1 win over Rose, while Vincennes took advantage of some key errors and overall inexperience to win 3-1. St. Meinrad's team had to work hard to beat Rose, coming out on top 2-0. A missed penalty kick cost the Rose team their first win in their second game against DePauw, which resulted in a 1-1 tie. The next game, versus St. Joseph's College, was a rough and tumble game, played on a mudslick field at Rose, and saw Ray injured and put out for the rest of the season when he was accidentally kicked in the forehead. Rose, though leading for most of the game, ended up tying St. Joseph's 4-4. The team then traveled to Vincennes where they collected their first victory, a 5-1 romp. The final game was a rematch at St. Joseph's College where Rose was out-muscled in a very physical game 5-0.

The future of the team looks very bright. Starting in the fall, the team will receive its varsity status, a long sought after goal. Mr. Jim Rendell was named coach for the coming season.



Rose Tech Radio Club



Rose Tech Radio Club members for the 1977-78 year were: Paul Schmidt, Professor Keith Hoover, Tim Daniel, Bill Newkirk, Kevin Anderson, Professor Herman Moench, John Glick, and Chris Brooks.

The Rose Radio Club, one of the Institute's oldest student organizations, is devoted to the purpose of fostering interest in the radio art and providing equipment for use by the student body. The 1977-78 leadership was provided by President Chris Brooks, Vice-President Allan Dorfmeier, Secretary-Treasurer Ken Burch, Operations Manager John West, and Faculty Advisor Prof. Herman Moench.

The past school year can be viewed as one of progress for the Rose Tech Radio Club. This is seen in the extensive improvement in the equipment of amateur radio station W9NAA, as well as the innovation of new activities.

Club business was conducted at six meetings, while two work days, one in the fall and one in the spring, provided opportunity for maintenance and improvement of the club's equipment. These work days were concluded by a picnic at Prof. Moench's house. Rose Tech Radio also participated in the school-wide "Rose Show".

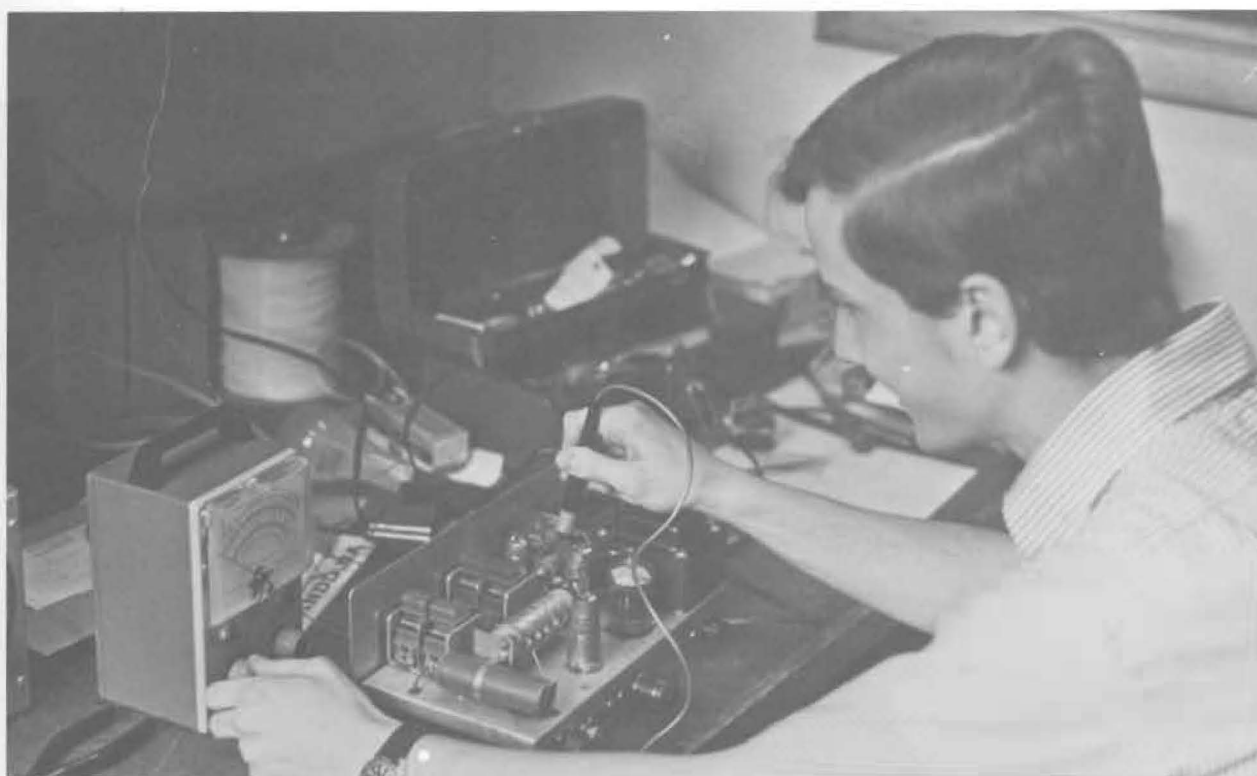
To promote interest, the Rose Tech Radio Club tried to make its presence known at Rose-Hulman, the Wabash Valley and the midwest region. During the winter months a weekly Morse Code class was offered to encourage beginners in obtaining their amateur radio licenses. Community relations was established through two club-sponsored hidden transmitter hunts, an important, but widely misunderstood, application of

amateur radio. Establishment of the club in the midwest was encouraged through the participation in several international contests, which also provided valuable training for the operators, and through several field trips. This included trips to Indianapolis UHF-TV Club meetings, the Wheaton Illinois Hamfest and the Dayton Ohio Hamvention.

The club's major endeavor during the year was the replacement of the transmitter and receiver which had been in service at W9NAA for more than 15 years. The widely acclaimed Drake R4c receiver and T4Xc transmitter were purchased and installed in the fall. Repair and improvement of the compass indicator for the club's directional antenna array was also completed.

The new equipment and related improvements were met with a greatly increased amount of operating activity. The teletype mode was made compatible with the new equipment and soon became a popular addition. During the latter part of the year transmitting capabilities on 1.8 Mhz was made available.

Rose amateurs also renewed interest in 147 Mhz teletype activity in the Wabash Valley. With all this interest the total number of stations contacted exceeded 700, with two way transmissions being made with 41 states and 27 foreign countries. But this was not enough . . .



When a crippling blizzard struck the midwest, the same weekend as the Simulated Emergency Test, Rose Tech Radio operators participated in the Indiana Snow Emergency Network, and served as the statewide control station for several hours. Our activity in the emergency communications and other message networks is unparalleled by other college stations in the state.

At the years end, club membership totaled 15. The officers elected for the 1978-79 year are: President- Kevin Anderson, Vice-President-Ken Burch, Secretary-Treasurer and Operations Manager Tim Daniel.

The successes of the Rose Tech Radio Club in 1977-1978 cannot be attributed to any one individual but rather the hard work of a group of students dedicated to their hobby.



Rose Rifles



Rose Rifles is Rose-Hulman's exhibition drill team. In past years it was numbered among the best drill teams in Indiana. This year was one of rebuilding for the Rose Rifles with 7 of the 10 members being first time participants. In a 10 week time period the team traveled 750 miles to such places as Eastern Kentucky University, Purdue, and ISU. These are just some of the places the Rose Rifles have left their mark.

Senior ROTC Cadet Jeff Lincourt led his Sophomores and

Freshmen through the intricate and dangerous maneuvers particular to the finest drill team in Indiana. Skill, precision, and pride molded the 10 man squad into a single flowing entity, a spectacle well worth seeing. The 10 minute performance was the result of many hours of diligent practice.

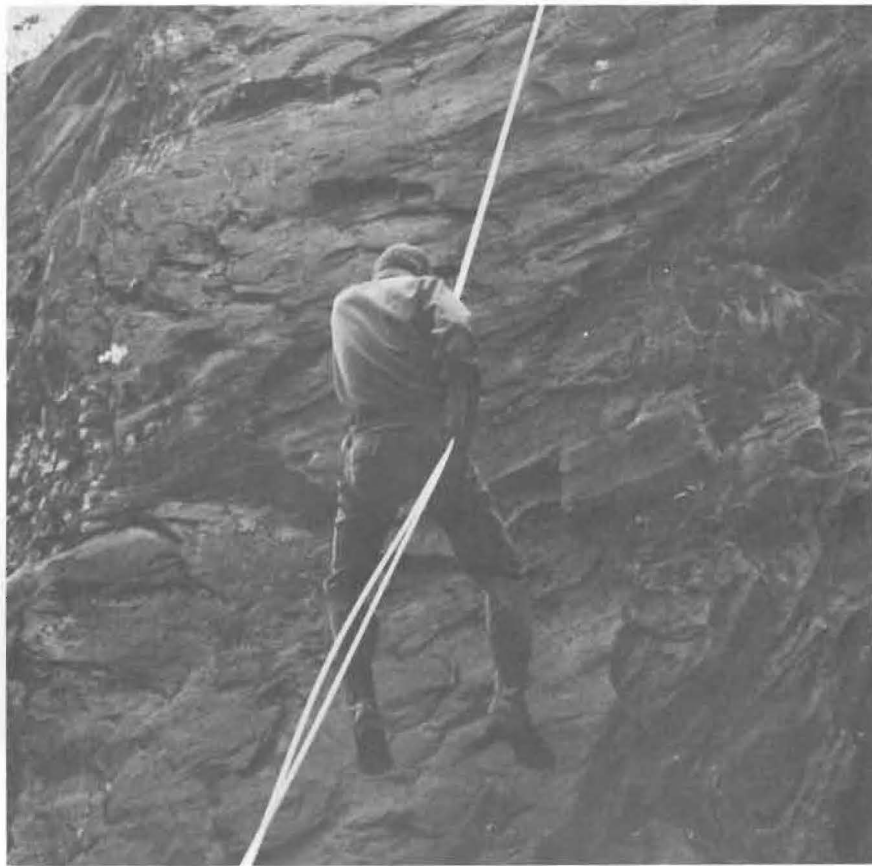
The black berets with the school emblems carried the fame of Rose-Hulman far and wide, upholding its standards of excellence.

The team consisted of (front row) Jeff Lincourt, Bob Brandel, Mike Laposa, Andy Hoffman, Don Heath, Mike Merrick, (back row) Captain Asa Smith,

Bruce Ray, Ted Fultz, Jon Edmondson, Frank Fort, and James Wolfley.



Special Forces Group



Special Forces Group is Rose's adventure training club. Sponsored by the Rose ROTC department, its membership is open to all students enrolled in military science courses. SFG provides the students with opportunities in activities not normally offered to the average man. Field training exercises give people training in handling M-16's, tactics, and camouflage. Classes are also conducted teaching rappelling, survival, canoeing, orienteering, parachuting, and scuba diving.

This year our group conducted one independent FTX and participated in five others in conjunction with the ROTC department. Orienteering was conducted in October and rappelling in April. Those who went rappelling learned how to tie ropes and how to rappel both seat and Australian styles. Members were also given a chance to go skiing in Colorado, sailing in the Virgin Islands, canoeing in North Carolina, and parachuting in Indiana.



Special Forces members include Chris Bolte, Ian Todd, Ben and SFC Homer Hungerford, Brian Webster, Alfredo Serra, and Jeff Morgan.

Chess Club

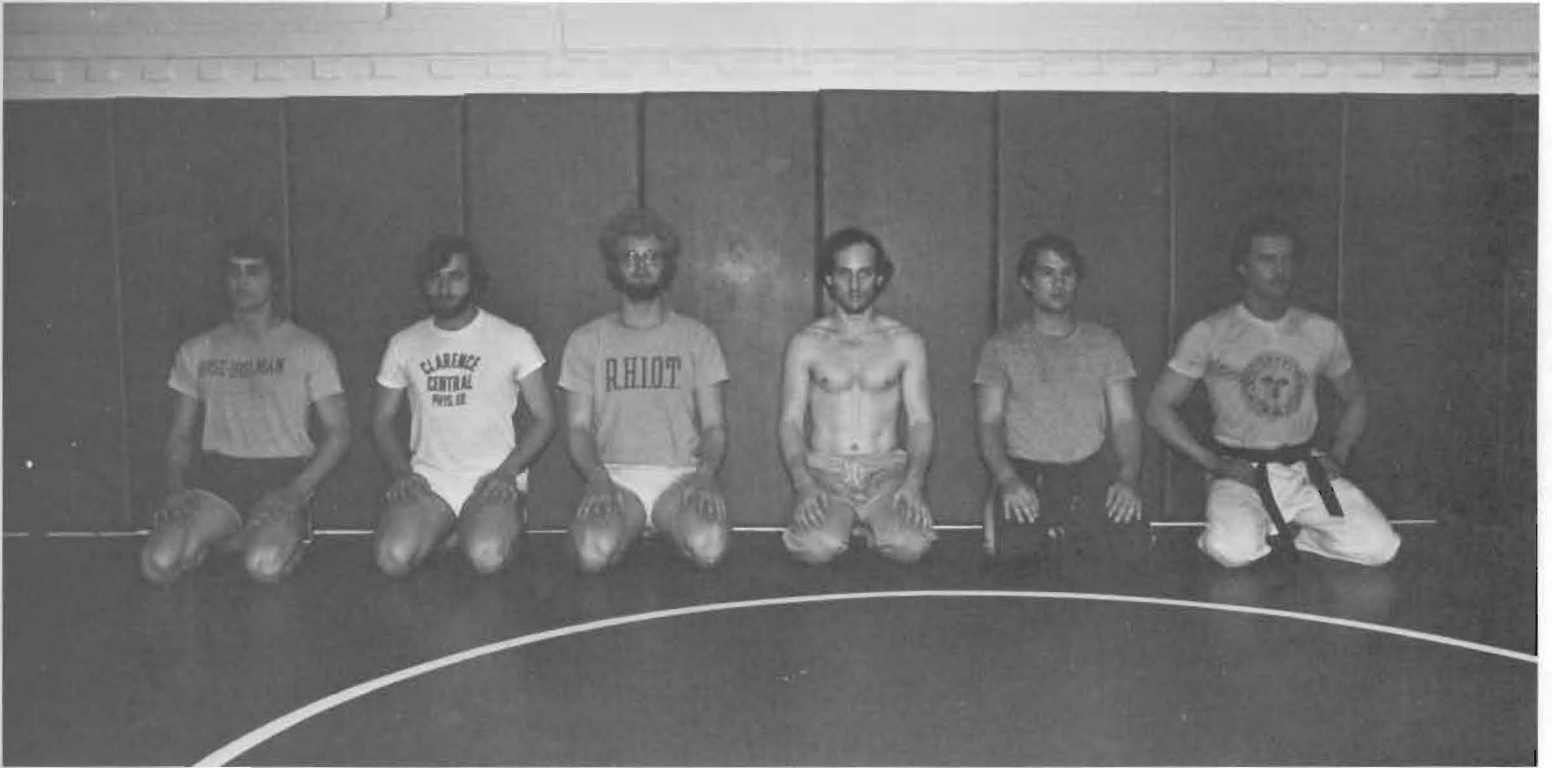


The Chess Club is an organization providing competition of an informal nature for those who enjoy competing in a game of skill and imagination. It organizes on-campus tournaments, supports a four-man chess team, and prints a chess newsletter to club members. In October Ron Froman took the class C prize at the Rose Open USCF Tournament. At the Pan American Inter-collegiate Chess Championship in St. Louis, the chess team tied for second in the rating class. The highlight of the year came in March when John Stewart and Bob Homeier tied for first at the annual "patzer" tournament.

Chess club members are, from left to right, Bob Homeier, Jamie Oxley, John Stewart, Joe Farrell, Bob Kaminsky, and Ron Froman.



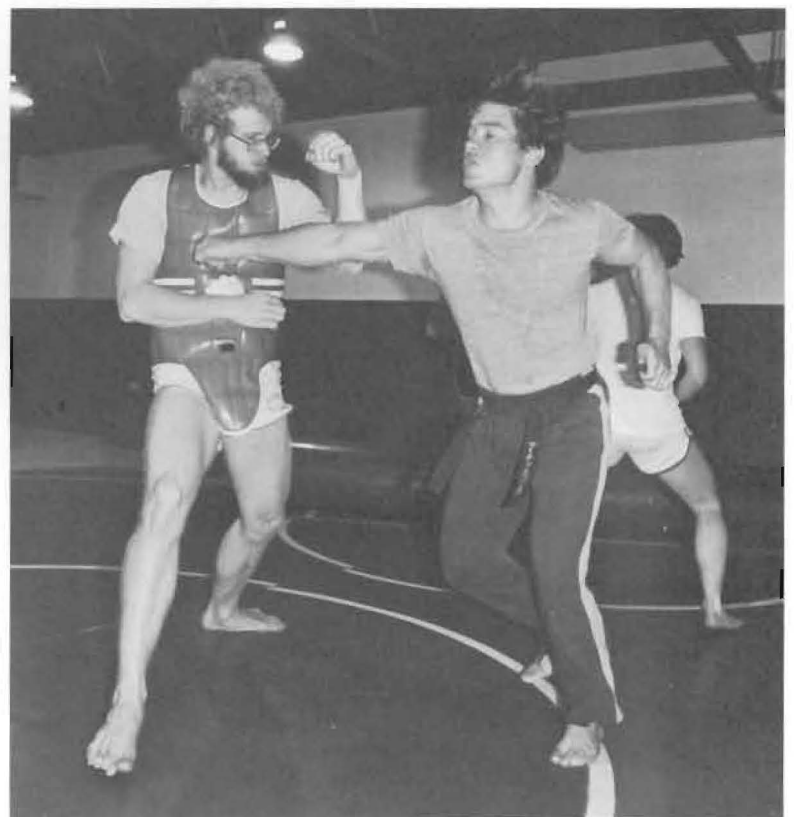
Rose Karate Club



Keeping fit through karate this year were Mike Martin, Rich Roll, Paul Carr, Bob Kemp, Martin Tieva and Jeff Werth.



Karate is an ancient martial art started about 2000 BC. It was developed from yoga and used to protect the followers of Baluma. It also aided in the learning of Zen Buddhism. Today at Rose-Hulman students learn the basic moves and meditations to become calmer persons. There are no secret moves or mysteries, only hard work in karate; and only a lot of this will insure the mastery of skills and oneself.



Drama Club

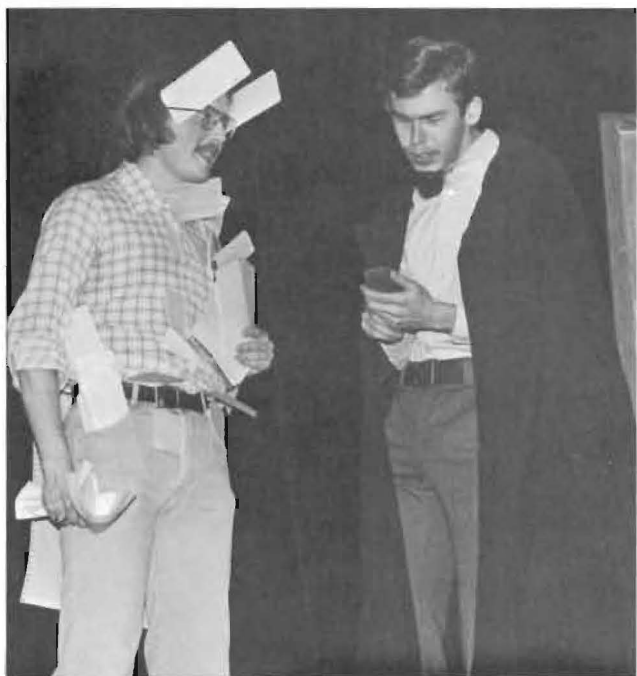
Innovation and diversity were hallmarks of the Drama Club this year.

The club's first project was a special skit for the Rose Homecoming Pep Rally. It was entitled "The Gospel According to Herman, or, The Truth About Rose and Other Lies, or, He Who Does Not Remember History Is Condemned to Rewrite It," it satirized the history of "Dear Ol' Rose" by means of a Bible takeoff. While "Herman" was the central character, let's not forget Chauncey ("I only want boys at my school") Rose and the savior of the Institute, "Uncle" Tony Hulman and his cash.

The fall play was "one of those"—Harold Pinter's "The Birthday Party," a really off-the-wall, way-out play from the fringes of the avant-garde. "Is the number 846 possible or necessary?" Well, if that's the attendance figure, it certainly wasn't possible, as the show set new club records for low attendance. It also set club records for innovation in production, though, and those who saw it thought the play was "well done, but strange."

Winter came, as it is wont to do, and there was great interest in doing a winter play. So the club begged, borrowed, and stole enough money to do a children's play about everyone's favorite Bear of Very Little Brain, "Winnie the Pooh." Children's theater was a new experience for the club, but the show went off admirably—with only minor hitches ("Where is aisle #1 today?"). In addition to a public performance for the "big kids" in the Union, the production was trouped to three grade schools, and to McDonald's, which the entire cast visited in costume after the final performance.

Last, but certainly not least, was a Parents' Weekend production of Joseph Kesselring's comedy, *Arsenic and Old Lace*. The play tells about two sweet old ladies whose favorite charity is poisoning lonely old gentlemen, and their nephews. It has become one of the most popular plays in American theater—as was indicated by the crowds that packed the auditorium.





The casts and supporting hands of this year's plays include, in the back row, Bruce Miller, Ron Miller, David Wasil, Gene Jones, Jeff Koechling, Tom Cornell, Bill Sutton, Cindy Schnell, David Steele, Bryan Weber, in the middle row, Don Heath, John Rasp, Joe Gaines, Trish Montgomery, Kathy Ley, Eric Dansker, John Teskey, and sitting, Mary Kay Fratoe and Donna Harlan.



Physics Club

Rose's Physics Club, the local chapter of the Society of Physics Students, plays an active role in promoting the application of both the serious and the not so serious aspects of physics for any interested students.

During the year the club arranged a field trip to Indiana University to observe the workings of a large university's physics department. One of the club's other projects and activities included the completion of a cosmic ray detector that will be used in taking experimental data. The next project in the works is a carbon dioxide laser that will operate in the infrared region and have many applications for several of the departments here at Rose.

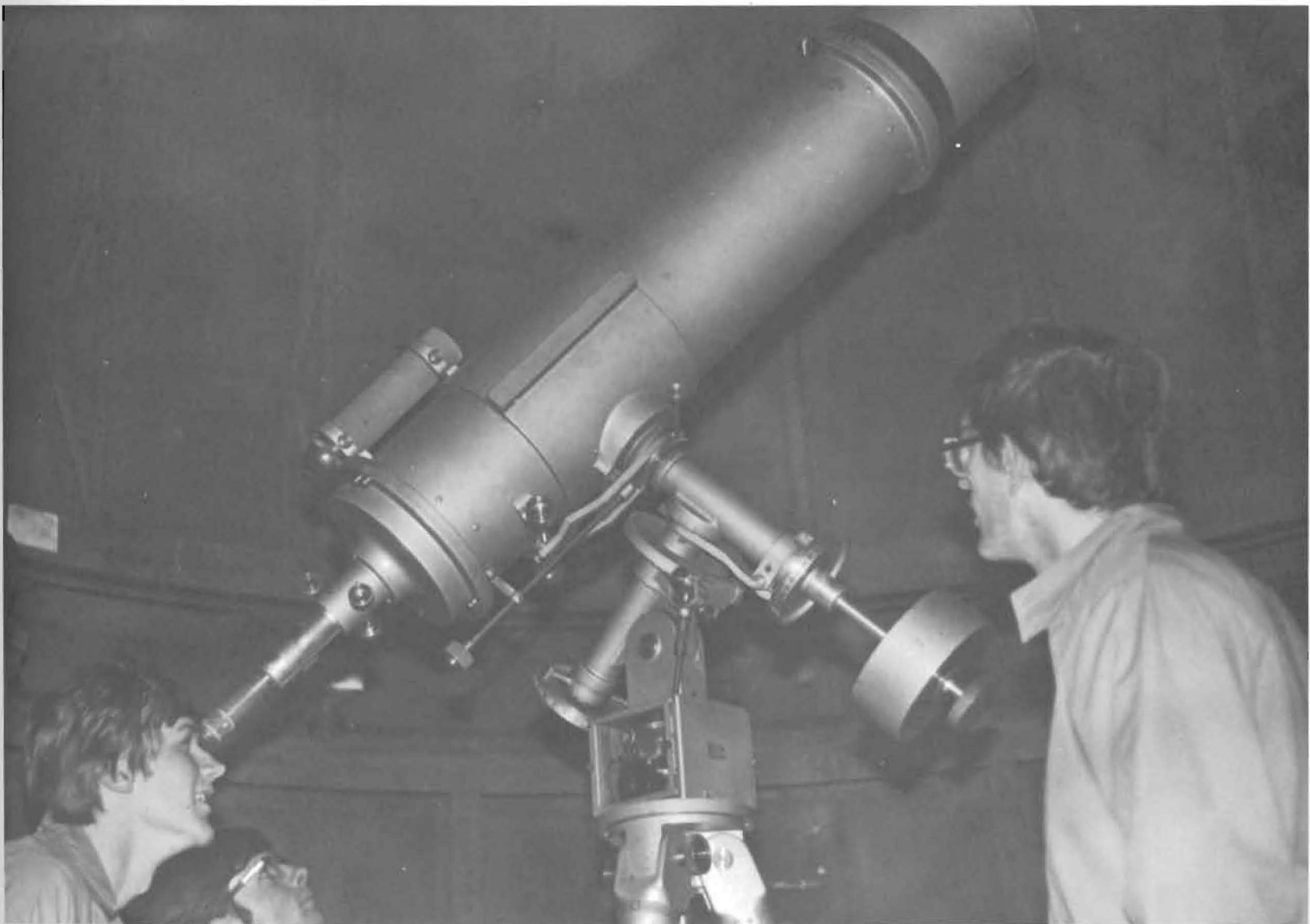
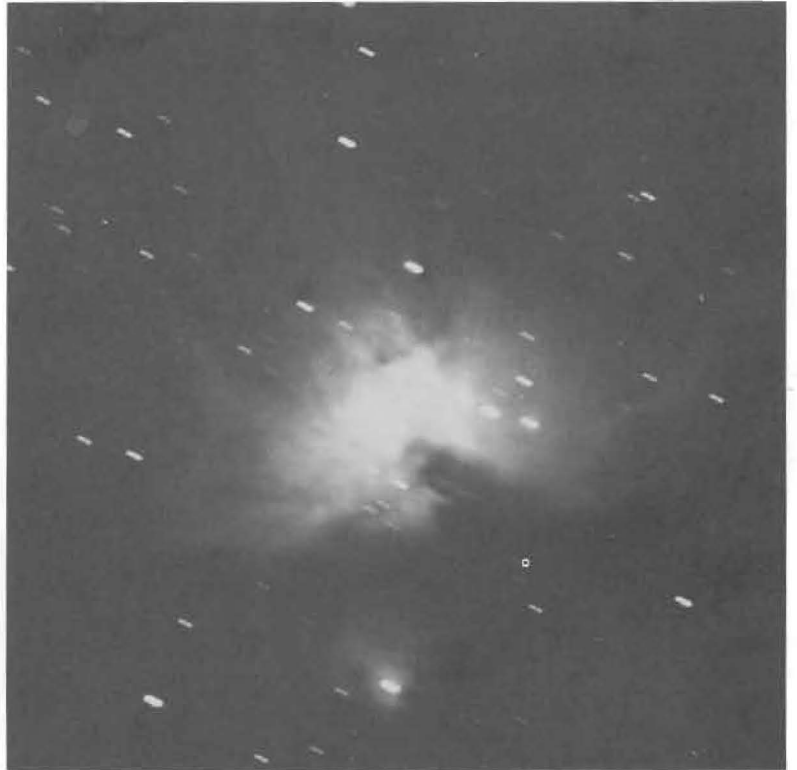


Physics club members Mike Ullrich, Bob Strickland, Fred McGurk, Mike Simmons, Bob Hahn, Faculty member Dr. Mike Moloney, and Bill Grant.

Astronomy Club

The Astronomy Club of Rose-Hulman exists to provide the students and faculty with the facilities whereby they can develop and pursue their own interests in the science of astronomy. To promote this goal the club provides a variety of equipment including a darkroom, a 12" Newtonian telescope, and an eight inch Cassegrain telescope; this equipment is available at any time in the Lynn Reeder Lab and adjacent observing dome.

Club activities consist of supporting astronomy in general and here at Rose, of maintaining and upgrading all the existing equipment and sponsoring and encouraging students to pursue their own interests, from observing to photographic studies. All the equipment is available to any responsible students by obtaining a key from a club officer. Interested individuals are first shown the proper techniques of observing and using the equipment and then are free to pursue whatever interests them. Regular observing nights for the club are Tuesday night, weather permitting. There are a vast range of possible areas of study, including solar, planetary, lunar, and galactic astronomy.



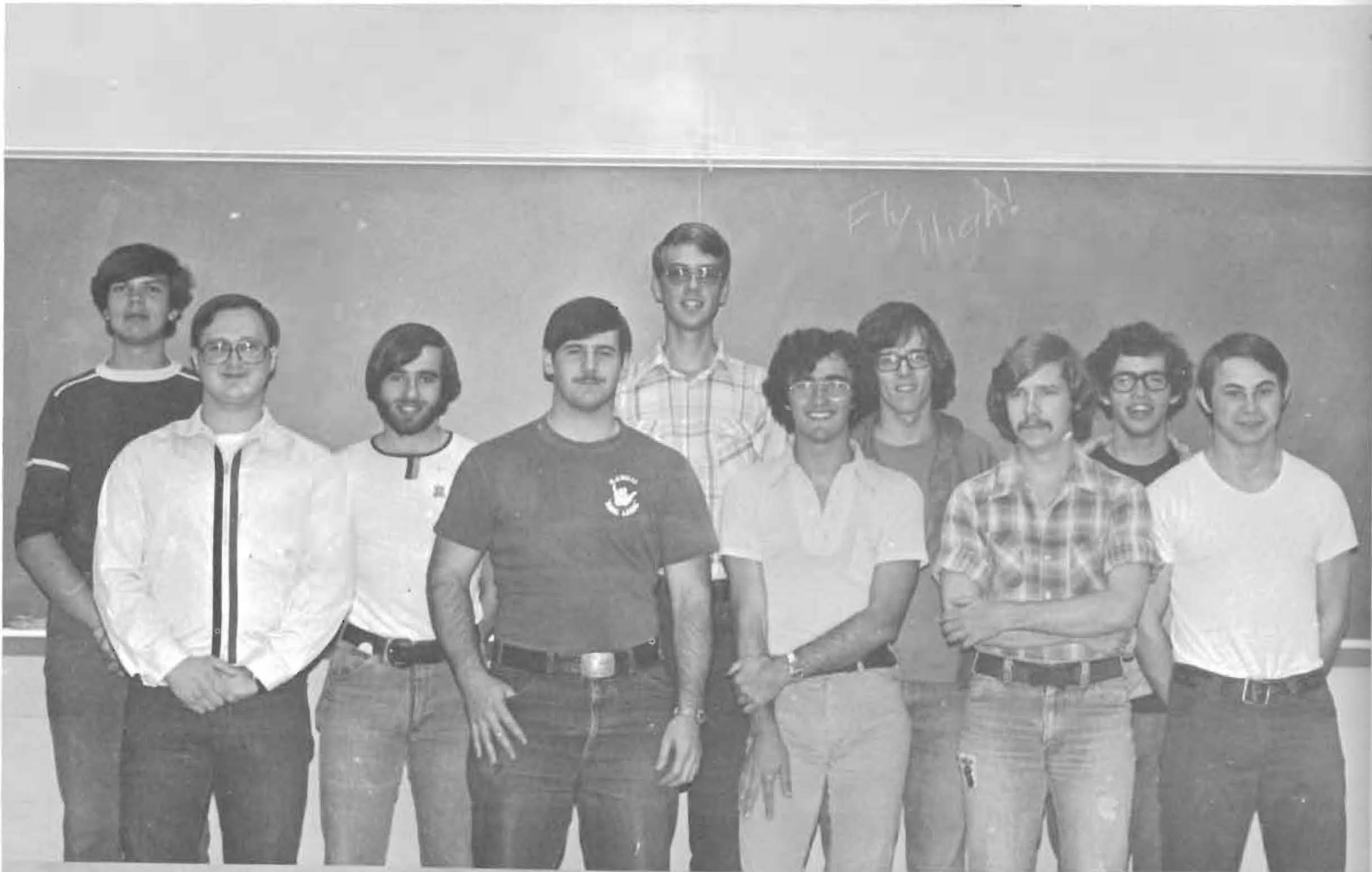
Flying Club



The Flying Club became an officially recognized club by the student government this year. At meetings the members discussed future projects such as building a hang glider, and watched movies from the Federal Aviation Administration. This year the Flying Club conducted a ground school which was taught by Maj. Schwachenwald and overseen by a professor from ISU. This course is to prepare a person to take the FAA written exam. Next year they intend to continue the ground school and go on trips to aviation-related facilities while promoting an interest in flying.



Flying club members include Greg Zimmerman, Jon Edmondson, Rich Roll, Brian Webster, Jamie Skinner, Frank Smidler, Ron Young, Dennis Lingenfelter, Don Ringwald, and Dale Wellman.



Rose-Hulman Racing Association



The purpose of the Racing Association is to offer to students interested in the various forms of auto racing and engine construction an opportunity to share their ideas and views on these subjects. The club sponsors technical seminars in auto mechanics and numerous films on racing and racing machinery. The Racing Association also sponsors road rallies and a yearly trip to the Indy 500 track. The highlights of '77-78 included a fall road rally, a turbo charged Vega engine project, a spring road rally, and participation in the Raceway Park Rental Day.

RHRA: Back row; Joe Boruch, Lee Fischer, Steve Szpunar, Mike Krieg, Bill Rush, Dave Deppe. Front row; Randy Yost, George Pelton, Dewayne Sermersheim, Bill

Messer, Steve Kontney.



Rose-Hulman Debate Club

The Rose-Hulman Debate Club is now in its second full year of existence, and continues to enjoy the good fortune that characterized the first debate season. The club provides a full range of speaking events, and participates against other colleges in several tournaments annually. In addition, practice sessions are conducted weekly, and the club is expanding its calendar of public debates. This year, our team was invited to participate in a public forum on nuclear power at a national engineering conference at the University of Illinois in March.

Last season's team won trophies at all five tournaments it entered, and topped off the year with an invitation to the National Novice debate tournament at Northwestern University, a rare honor for a first year team. So far this season, the team has continued to improve upon this record.

The first tournament of this season was held at IUPUI, and Rose entered three freshman teams. They captured two first place awards, plus the championship trophy. Individual awards went to Kevin Bowen, Mark Bates, and Keith Hovda for first, fourth, and sixth, respectively.

The next week, the varsity team of Dwight Dively and Tim Jackson traveled to the Millikin University Invitational. By

compiling a 6-1 record, they won the first place trophy, and were in the Illinois Valley College Tournament, at which two Rose teams tied for fifth place, and Dively won a plaque as Fourth Speaker in this strong tournament.

The freshmen later traveled to Ball State and garnered several top awards. Two teams were cited for excellence, and Jim Renfro won the trophy as Best Debater. Bowen and Hovda also were honored with speaking certificates. The final meet for 1977 was the Greenville College Tourney, at which Tim Jackson and John Rasp received a trophy for fourth place.

Several other tournaments were attended during the season, including one at DePauw, and the Owen-Coon Memorial at Northwestern University. In addition, the team has joined the national debate honorary, Delta Sigma Rho-Tau Kappa Alpha, which has enabled them to participate in their national tournament.

For next season, we would like to be able to continue the program at about the same level as now, as we anticipate a slight increase in membership for next season. This would mean about eight tournaments and hopefully a national invitation.

Rose's debaters are Pete Kehoe, John Schuster, Keith Hovda, Kevin Bowen, John Rasp, Jeff Dycus, Dwight Dively and Mark Bates.



Glee Club



The Glee Club is an organization whose membership is composed of people who desire to sing in group and perform in concert. Activities include biweekly practices and concerts in the Terre Haute area. The "event" of the season is the annual three day tour and industrial field trip. This trip

combines singing, fun, travel, and tours of industries. This year the Glee Club traveled to the Chicago area to perform at several places, and to visit the Caterpillar Technical Center. The faculty advisor of the Glee Club is Prof. Alfred Schmidt.

The Glee Club's members are (in the front row) Bob Orr, Dave James, Paul Fox, Ron Miller, Phil Monhaut, (in the second row) John Schuster, Ken Ferry, Ron Brunck, Jack Watrous, Rex Fodrea, John Foley, faculty advisor Prof. Al Schmidt, (in the third row) Director Jim Schnabel, Meredith Gafford, Don Stratton, Dale

Newby, Leslie Light, Bruce Kistler, (in the last row) Bob Strickland, Rich Robbins, Rick Harris, Jamie Oxley, Wendell Keith, Rick Cahill, George Ernest, and Joe Gaines.



Rifle Club

The Rose-Hulman Rifle Club was organized to promote gun safety and rifle marksmanship. An 8-point indoor rifle range is open during regular school hours for club members. Targets, target rifles, and ammunition are supplied, although any 22-caliber rifle may be fired on the range. Many club members also participate in other types of competitive shooting, such as high power rifle, pistol, trap, and skeet.

The rifle club is closely associated with the varsity rifle team, which competes with many of the over two thousand collegiate rifle teams in the country. The top shooters are encouraged to go out for the varsity team.

The highlight of the year is the club championship which is open to all students and faculty, with the exception of varsity team members. Targets must be fired from the prone, kneeling, and standing positions, and the aggregate score is used to determine the winner. Club members also helped organize and run an informal rifle match for Parent's Day.

Rifle Club advisor and varsity team coach SFC Homer Hungerford was transferred to another ROTC detachment at the end of the 1977-78 season. He has done a great deal to further the marksmanship program at Rose, both in increasing the size and activity of the rifle club, and in bringing the rifle team to a "top 20" ranking among the nation's collegiate teams.

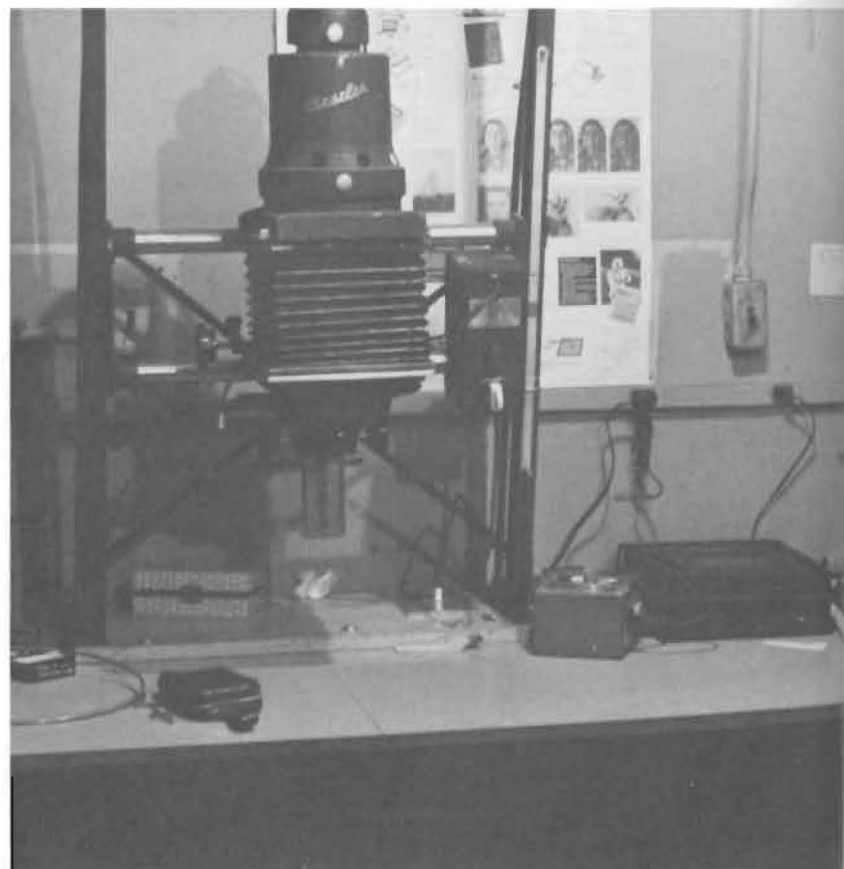


Rifle Club members are, from left to right, (front) Tim Juntunen, Chris Bolte, Jim Grypa, Gary Meier, Mike Rasmussen, Bob Brandel, (second row) Sgt. Homer Hungerford, Brian Raver, Eric Spletzer, Steve Brockman, Mark Nagy, (back row) Jeff Morgan, Chuck Leddon, and Norman Frey.

Camera Club

The Rose-Hulman Camera Club provides well equipped black & white and color darkrooms for use by those interested in photography. The black & white darkroom facilities are located in the basement of Speed Hall and include Omega and Bessler enlargers. The color darkroom facilities are located in the basement of the John A. Logan Library and included a Bessler 23C enlarger with color head and a color analyzer.

Camera Club activities range from basic instruction in photography to the sponsoring of photography contests. Membership is open to all students and faculty who have an interest in photography. This years activities included the Rare-Rose-Retrospect, photography display at Parents Day, basic darkroom workshops, acquisition of equipment for the color darkroom, and fall and spring clean-up work sessions in the B & W darkroom.



Tau Beta Pi

The purpose of Tau Beta Pi is best stated from their eligibility code: "It is the purpose of the society to mark in a fitting manner those who have conferred honor upon their alma mater by distinguished scholarship and exemplary character as students, or by their attainments as alumni."

Membership is chosen from among the top fifth of the senior class and the top eighth of the junior class. Election is then based on integrity, breadth of interest, adaptability, and unselfish activity. Projects have included judging the freshman design projects and an exhibit at the Rose Show.



Members of Tau Beta Pi stand assembled behind the Bent, the symbol of their fraternity. From left to right are: Tod Johnson, Jan Slupesky, Hugh Sutherland, Jim Freudenberg, Matt Weisenberg, Steve Gillman, Jeff Pauls, Dale Campau, Chris Hebb, Ken Krupa, Jeff Hildebrand, Clark Fortune, John Hurst, Charles Dryer, Gary Eck, Mike Biggs, Dr. Noel Moore, Jim Phillips, Bob Strickland, Ron Wier, Dr. Sam Hulbert, Dave Whitely, Pat Searle, Dr. Herman Moench, Jeff Martin, Randy Wingerter, Ron Wolenty, Randy Vaal, Pete Hylton, Don Hoffman, Dave Bridge, Dale Stein, Dr. Henry Winton, Walter Fox, Rob Banerjee, Doug Stearley, Bruce

Kistler, Ed Altman, Dave Badger, Tim Tromley, Steve Szpunar, And Greg Harris. Other members not pictured here are John Anderson, Barry Carlin, John Clem, Gerry Dail, Jerry Douglas, Ken Ferry, Dale Foltz, Karl Fox, Steve Franks, Mark Green, Robert Gorgol, Shane Hutton, Joe Jackson, Dave Johnson, Jeff Justus, Mark Kaminski, John Kovich, Mike Markowski, Don Rosenbarger, Mike Smith, Dennis VandenBrink, J. Agee, Buddy Atherton, Kevin Luksus, Eric Matovich, Tony Mazzoni, John Rasp, and Earl Stalter.

Honor Key

Rose-Hulman's Coveted Honor Key is an award given to those who distinguish themselves for participation in extracurricular activities. Based on a weighted point system in which organization presidents, editors and varsity captains gain more points than "those in the club, reporters of the second five," the Honor Key continues as a tradition at Rose-Hulman.

Those earning the key in 1977-78 were seniors Larry Beal, Gary Eck, Gary Ellis, Chris Hebb, David Johnson, Jeff Justus, Gregg Migaki, Mike Privette, Don Rosenbarger, Mike Schneider, Dave Sutherland, John Teskey and Ron Wier. Juniors who have already made the difficult-to-achieve 80-point total are Buddy Atherton, Ken Burch, Bob Burwell, Daily Hill and John Rasp.



A.I.Ch.E.

The primary function of the student chapter of the American Institute of Chemical Engineers is to familiarize the student to the world of chemical engineering through speakers, literature, meetings, and plant trips. The membership is open to all junior and seniors majoring in chemical engineering.

In the fall, the student chapter had a joint meeting with a local chapter. At this time, the local members gave a description of what their job required. In the winter a mock interview was set up with Paul Scott of Proctor and Gamble. Many suggestions for a better interview were given. In the spring, the A.I.Ch.E.'s exhibits took second place in the Rose Show. In May, thirty members went to Olin's Covington Cellophane Plant. Due to adverse weather conditions, the Strawberry festival was postponed until the next fall.



Front row: A.I.Ch.E. members Dr. Ron Artigue, George Ernest, Tim Brunner, Dave Johnson, Gregg Migaki, Dennis Heavin, Steve Franks, Dennis Funk, Weldon Riley, Merle Funkhauser, Robert Fransham, Bill Fox, Todd Hand, Ken Krupa; second row: Dennis Wagoner, Jim Nordmeyer, John Kovich, Mike Denault, Kim Knollenberg, Mike Church, Rex Stocklin, Dave Perry, Bill

Spangler, Pete Rasmussen, Bill Kinder, Scott Werner, Jeff Lincourt, Robert Gorgol, Steve Brockman, Stewart McDonald, Kurt Ahlersmeyer; back row: Dr. Billy Crynes, Wendell Keith, Keith Kinman, Steve Cate, Nick Willing, Kevin Miller, Warren Boeker, Phil Monhaut, Mike Barker, Jeff Martin, Mike Markowski, Darrell Staggs, Randy Wingerter, Dr. Jerry Caskey, and Ron Haas.

A.C.S.

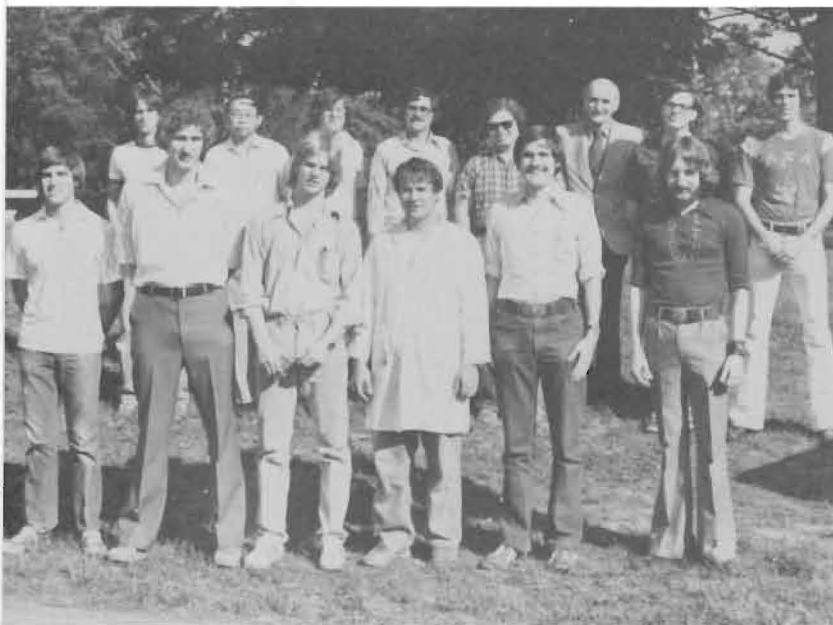
The American Chemical Society student Affiliate is an organization of students enrolled in an undergraduate curriculum of chemistry or a related field. The A.C.S. familiarizes the student with the chemical literature by offering to members subscriptions to a wide variety of journals at a special reduced rate.

Activities include projects such as CRC Handbook sales, A.C.S. mailing and a variety of other fund-raising programs. The funds are used to rent films, pay for speakers, and tours all available through the national A.C.S.

A member is allowed to go to national and regional A.C.S. meetings. In doing so, one can attend lectures by some of the great chemists of our time.

Other local activities include informal Pizza get-togethers and a year-end Student-Faculty Dinner.

A.C.S. members are: (first row) Gary Meier, Don Stratton, Tom Hale, Martin Tieva, Dale Campau, Jim Schoonover, (second row) Bill Kepner, Dr. Ted Sakano, Jeff Morgan, Dr. Gayle King, Carl Ijames, Dr. Benjamin Benjamminov, Eric Spletzer, and John Gardner.



Omega Chi Epsilon

In 1969 a chapter of Omega Chi Epsilon, a national honorary fraternity for Chemical Engineers, was chartered at Rose-Hulman. The fraternity is open to juniors, seniors, and

graduate students who share outstanding ability in both scholarship and leadership.



Members are (front) Dr. Ron Artigue, Dave Johnson, Kim Knollenberg, Steve Franks, Dennis Funk, Ken Krupa, Todd Hand, (middle) Dr. Billy Crynes, Dennis Wagoner, George Ernest, David

Perry, Randy Wingerter, Scott Warner, Ron Haas, (back) John Kovich, Mike Markowski, Jeff Martin, Dennis Heavin, Mike Barker, Robert Gorgol and Dr. Jerry Caskey.

Pi Mu Epsilon

Pi Mu Epsilon is an honorary mathematics fraternity whose purpose is to promote scholarly activity in mathematics among students. Undergraduate members are selected from either those upperclassmen who have a 3.0 average in 7 math classes

or a sophomore mathematics major with a 4.0 average in 5 math classes. Projects sponsored by Pi Mu Epsilon included mathematics guest speakers, Rose Show exhibit, and the math faculty basketball game.



The triumphant Pi Mu Epsilon softball team was comprised of Jim Freudenberg, John Andersen, Tony Mazzoni, Kevin Luksus, Dr. Terry Ishihara, Dr. William Ritter, Jim Phillips, Dr. Roger Lautzenhauser, Dennis VandenBrink, Dr. Gary Sherman and Dr. Charles Rennolet.

A.S.M.E.

The purpose of the student section of the American Society of Mechanical Engineers is to introduce the ME student to the professional aspects of Mechanical Engineering and to the parent organization which oversees them. During the year, the chapter sent six members and two faculty advisors to the ASME Regional Paper Conference. Over fifty members attended the ASME Engineering Design Show in Chicago. The ASME chapter also sponsored two picnics during the year, one in the fall and one in the spring. At their annual car tune-up, the Chapter tuned-up 35 cars.





Pi Tau Sigma

Pi Tau Sigma, the national honorary mechanical engineering fraternity, founded its chapter at Rose in 1968. Since then the fraternity has carried with it the tradition that its members must not only be high scholastic achievers, but also participants in a wide range of campus activities and organizations. One of its most important functions is to stimulate interest in the department's activities.

This year the members of Pi Tau Sigma sponsored informative review sessions for the annual EIT exam to refresh the "minds" of the weary senior class. The members also

prepared and demonstrated impressive displays on behalf of the Mechanical Engineering department on Parents' Day.

Pi Tau Sigma members are, in front, Dr. Gerry Matsumoto, Rob Graebe, Paul Fox, Mike Sigmund, Jeff Justus, Chris Hebb, immediately behind, Rich Priem, Daily Hill, Dr. Terry Ishihara, in the next row, Bob Evans, Rick Dorsey, Rob Banerjee, Larry Gavin, Tim Jackson, Dave Bridge, Steve Szpunar, in the last row, Dave Sutherland, Bob Thiel, Don Hoffman, Mike Brinker, David Deppe, Prof. Irvin Hooper, and Doug Stearley.



A.S.C.E.

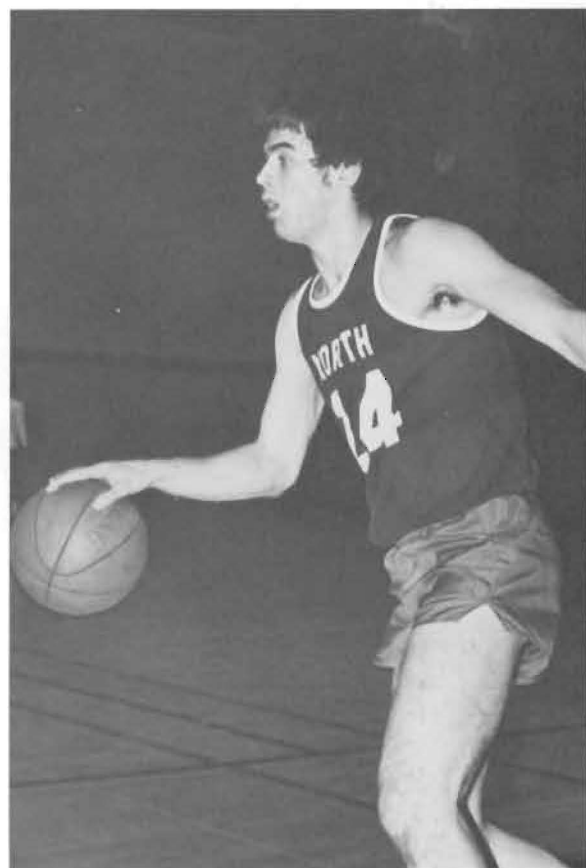
The American Society of Civil Engineers offers to all students in the civil engineering curriculum an opportunity to broaden themselves in their future profession. It enables the student to meet with practicing civil engineers in the area, thereby allowing them to come in contact with professional ethics and attitudes.

The A.S.C.E. sponsors field trips, contests, and movies of current civil engineering projects, in order to relate the theory of the classroom to the practicality of the real world. The A.S.C.E. is a big step toward becoming a professional civil engineer.

The 1977-78 academic year was one of "firsts" for the A.S.C.E. chapter. Matt Wiesenberg served as editor of the quarterly *A.S.C.E. News and World Report* (hopefully no one will try to steal its nameplate for a national news magazine). The publication ranged in size from eight to sixteen pages and was chocked full of A.S.C.E.

A more popular "first" was the inaugural civil engineering basketball tournament. The freshmen defeated the seniors for the first civil engineering cage title and appear poised to keep the tournament at least through their senior year, to retire the trophy, and so forth.

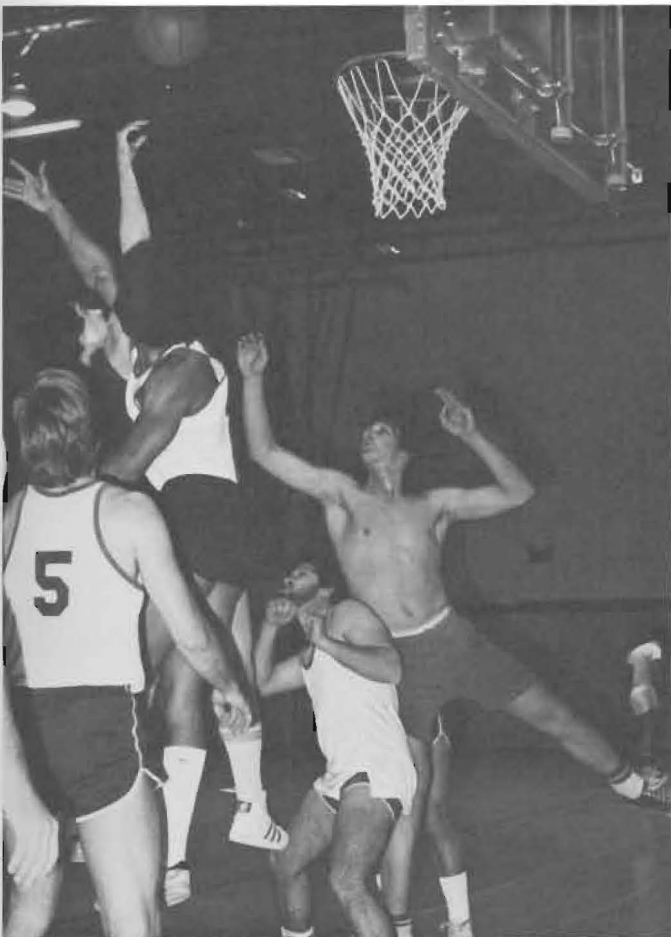
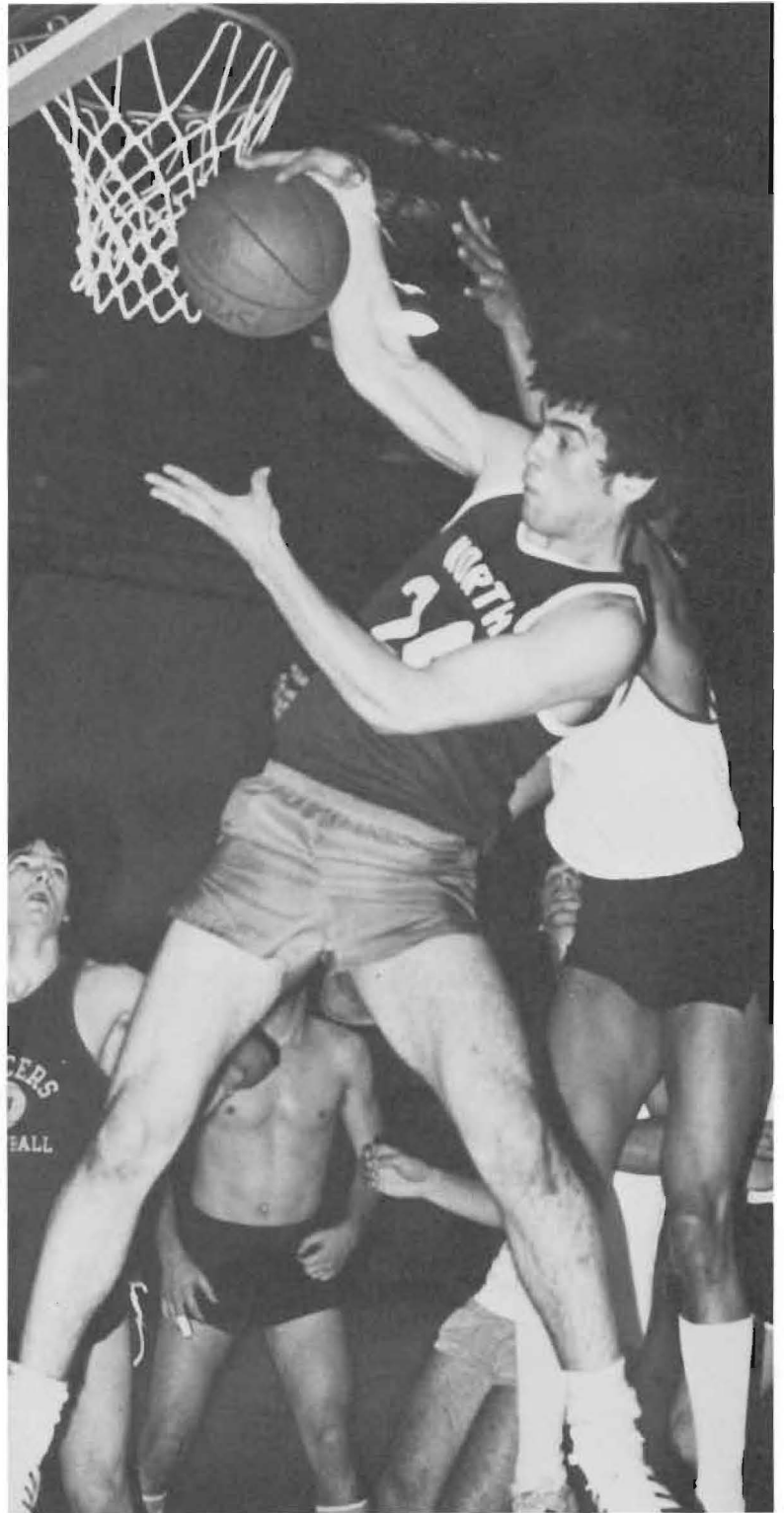
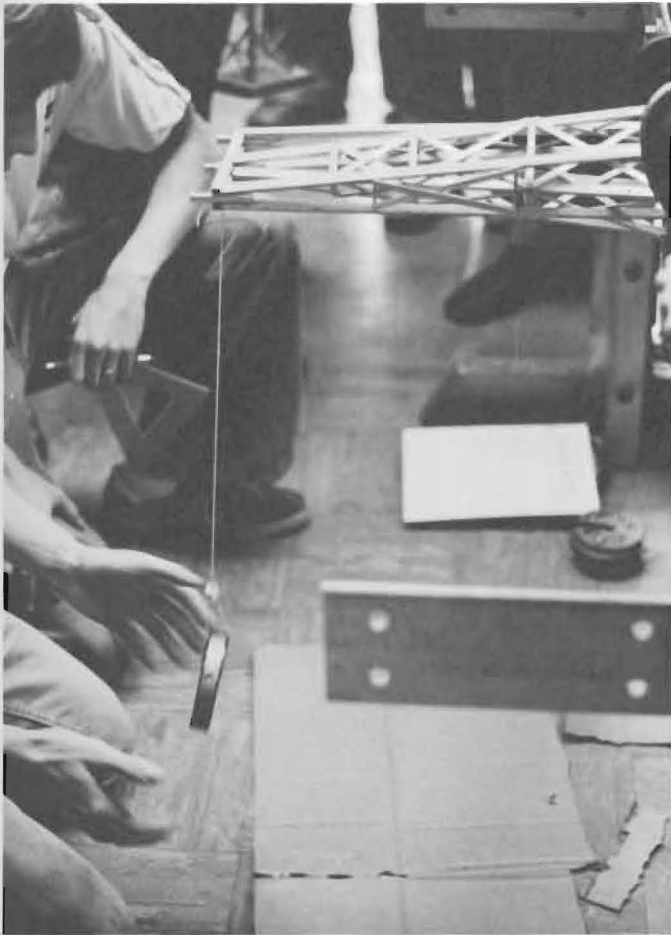
A.S.C.E. is on the move and should be more active in 1978-79.



A.S.C.E. members are, from left to right, Benjamin Boyd, Chris Basso, Gary Ellis, Mike Pelham, Randy Phegley, Don Rosenbarger, Barry Motycka, Steve Rowe, Dennis VandenBrink, and Dr. Cecil Lobo; (second row) Dave Tappendorf, Paul Redden, Jim Cornwell,

and Mike Richey; (back row) George Guinn, Matt Branam, Ron Miller, Doug Miller, Chas. Hite, Dan Phebus, Dr. Ken Henkel, Steve Campbell, Mark Day, Matt Wiesenberg, and Mike Merrick.





IEEE

The purpose of the student branch of the Institute of Electrical and Electronics Engineers is to provide students interested in electrical technology, electronics, and related fields with a greater professional awareness.

During the course of the year the IEEE sponsored many field trips. Some of the plants visited were Argonne National Labs, Bell Labs, Naval Weapons Depot-Crane,

Naval Avionics and Columbia Records. IEEE also hosted several speakers who lectured on the topics of Microcomputers, Quad-stereos, and computer simulations. The chapter offers the student the chance to meet professional engineers and others who have prominent places in American industry.



Members of IEEE are, from left to right, Mark Denzin, Mike Kuenning, Ken Burch, Mike Argo, Paul Hahn, Fred Becker, Andy Gavrilos, George Sparrow,

Joe Carr, Bill Newkirk, Ed Altman, Parke Huntington, Chris Bodenhorn and Dr. Keith Hoover.

BIT

Beta Iota Tau is a club operated exclusively for educational and scientific purposes. It strives to promote among its members and the school an increased knowledge of the science and applications of modern computing machinery. It has endeavored to assist Rose-Hulman in the development of the computing machinery and other items beneficial to the Waters Computing Center. Some of this year's activities have included a computer text sale, a programming contest with cash prizes and a field trip to the Indiana Computer Conference in Bloomington, Indiana.



ACM

The Association for Computing Machinery, Inc. is dedicated to promoting increased knowledge and interest in the field of modern computing machinery and its applications. This year, the regular meetings of the association were a continuous forum for ideas and methods of using computing equipment, and Rose's own system in particular, to the greatest possible extent. Additional

activities included magtape and manual sales, the annual spring programming contest, and numerous guest speakers and trips to various facilities in the midwest. The members of ACM are serious about developing their programming talents through the cooperation and activities to be found with this professional organization.



The members of ACM are, front row, Tiff Hudson, Brad Phillips, Martin Neuliep, Dave Bakken, Chris Bolte, Russell Read, Rodney Miller, Clint Woodward, back row, Rich Wolfe, Paul Hahn, Dave Hinman, Pat Miller, Tim

Drabik, Chris Thomas, Eric Fox, and Dave Potter.



Blue Key

The eligibility test for active membership in Blue Key National Honor Fraternity is that the proposed men should be of good character, recognized as leaders in scholarship and college activities, and located academically in the upper thirty-five per cent of their class. Blue Key actives believe that through organized effort among student leaders in American colleges and universities three basic goals may be obtained: 1) the belief in God will be perpetuated and intensified, the government of the United States will be supported and defended, and established institutions of society and principles of good

citizenship will be preserved; 2) an ambition for intellectual attainment and a desire to serve college and fellows will be fostered among students in institutions of higher learning; 3) student problems may be studied, student life may be enriched, and the progress and best interests of the institutions in which the organization is found may be stimulated and promoted.

Blue Key sponsors such annual events as the homecoming queen contest, Rose Riots, and Parents' Day festivities.



Blue Key members are: front; Ron Reeves, Dale Oexmann, Dennis Funk, Mike Schneider, John Burkey, Rob Banerjee, Jeff McCreary, Rich Priem, Daily Hill, Ron

Wier. Back; Matt Hodson, Rod Norder, Rick Dorsey, Jeff Justus, Gary Ellis, Gary Eck, Dennis Grannan, Tom Burtzlafl, John Teskey, Doug Stearley.

FRATERNITIES





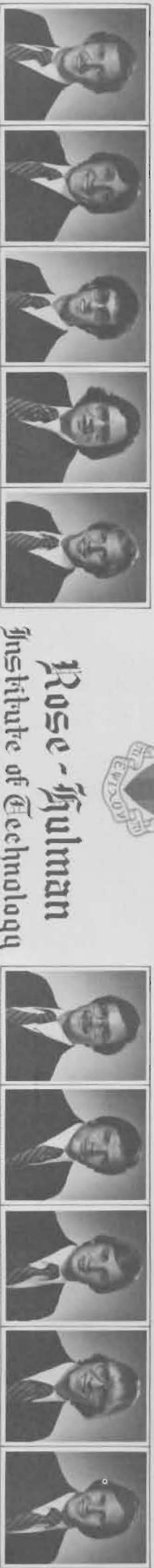
PAULIN P. BOCKER RANDALL C. PILLSEN MICHAEL F. BRUNER WELDON H. RILEY JOHN J. WEIST MICHAEL E. BRIGGS KIRK A. MCGOWAN ROGER O. EDELBUCK BILL MCNEHEAL DAVID M. BAUER ROBERT A. SHIPP LAWRENCE R. GAVIN STEVEN K. HOWE



ROBERT W. FRANKHAM DENNIS L. FLOW JAMES W. CRAIG HENRY E. WERLING GARY A. ECK DAVID L. AYARS ROBBIN BARNERIE ROBERT K. MCALAM RUSS A. KUNS RICHARD J. STALEY STEPHEN W. ANDERSON MICHAEL D. BAKER WILLIAM A. FOX



MARK E. DENZIN THOMAS E. KIMALT GREGORY L. TAYLOR JAMES R. GRANNON DOUGLAS E. STEARLEY DAVID S. HILL DENNIS A. GRANNAN JAMES E. BOEDER, JR. PAUL N. BUCHHEP JAMES A. CORNFELL



ERIC D. ELDORE MICHAEL L. SKINNER DAVID H. BRIDGES JOHN D. COX MARK A. FLECK JEFFREY S. MCGRATH NICHOLAS J. WILLIAMS ROONEY A. WARDEN JEFF L. WIGAND CHRIS A. BOEDERHORN



ROBERT W. FEASE A. MICHAEL TUCKER RICHARD S. LUCAS JAMES A. PETTYJOHN CLINTON A. DONLAP VINCENT W. FROHLE EIRETT M. SCHMIDT MICHAEL W. STEWART JONATHAN T. PERRY TODD W. ROYER DANIEL B. WIDENS PAUL S. WALLACE FRANK T. LAM

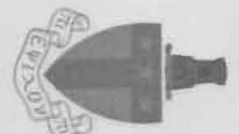


RICHARD S. KIRCHOFFER CHARLES L. SIZMAN DAVID H. WATFIELD DEBBY A. YOUNG STEPHEN M. LONG ROBERT E. L. LETSABEL JOSEPH E. HANFORD MARK C. BLAND DENNY M. BRIDMAN JAMES S. SWINNER MICHAEL R. LITZ KARL C. MENSE DAVID W. HODGATT



GERALD W. SZARNICKI MARK E. STEIGMILLER TERRY J. AKE STEPHEN H. JENSON DAVID E. SANDERSON KEVIN A. GILES BRIAN J. DEASON MATTHEW J. PANSICKA KEVIN M. WERNMAN SCOTT J. SCHUSTER CHARLES E. PERCE DAVID G. STRANGE

Alpha Tau Omega 1978 Rose-Hulman Institute of Technology



Alpha Tau Omega

Gamma Gamma Chapter of Alpha Tau Omega is the oldest fraternity at Rose-Hulman, and was the first to move on campus as well. The Taus pride themselves on their active participation in nearly every field of endeavor at Rose.

In the classroom ATOs usually rank high. The fraternity has never been below the All-Men's Average and is usually one of the top housing units in the school. Everyone at Rose is a student first, but that hasn't kept the men of Alpha Tau Omega from rounding out their education by keeping active in extracurricular activities.

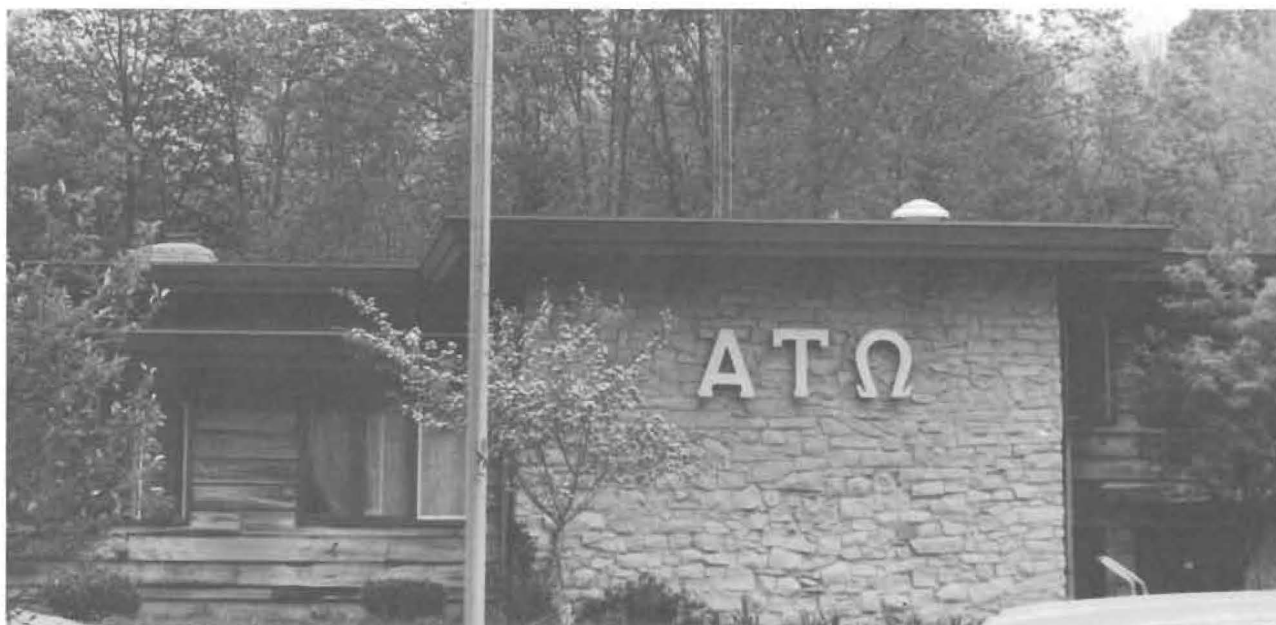
Nearly every varsity team had at least one Alpha Tau. This past year Taus included an All-Conference football player, the number one man on the cross-country team, and two or three starters on the basketball team, to name just a few. The ATOs are also fierce competitors on the intramural circuit. For several years now ATO has finished first or second overall in the race for the All-Sports Trophy. Almost every ATO participated in at least one phase of sports competition.

Every year the Taus maintain an active social service schedule. This past year they raised over \$1800 for the Heart Fund. They also collected for St. Jude's Children's Research Hospital, held a party with children of the Big Brother-Big Sister program, sponsored a picnic for the Glenn Home, and provided hundreds of man-hours of labor for the Fresh Air Camp.

Also very active in school organizations, ATOs held many class offices, student government offices, and club positions.

Even with all their activities, ATOs find time to have some fun too. The fraternity's little sister program is very active and growing rapidly. The girls from ISU and St. Mary's help the chapter prepare for their many and varied parties. Last year's theme parties included Round the World, Grubby Clothes, Star Wars and the Playboy party.

Tied together with the brotherhood that makes ATO strong, the chapter looks to the future with anticipation and to the past with fond memories.





Pledge class clowns around at Rose RHIOTs.



ATO awaits its turn in the Mattress Piling Contest.



Pyramid team dives into position.



Taus' muscle crew places second.



Senior Gary Eck, at piano, helps win songfest for the fourth consecutive year.



Intramurals take up a lot of an ATO's spare time.



Randall Pfluger makes his move.



19 78

Lambda Chi Alpha

Rose-Hulman

Institute of Technology



Lambda Chi Alpha

The 1977-78 school year was a successful one for the men of Lambda Chi Alpha. The new fraternity house, designed to meet the needs of the largest Greek organization on campus, was completed this fall after many years of careful planning. The brothers of Theta Kappa Chapter, glowing from the excitement of a new house, excelled in rush and other campus activities over the year.

Rush went very well. On Preference Monday, thirty-one freshmen donned green and yellow shirts. But recruitment is a year long effort at Lambda Chi Alpha, and the Associate Member class grew stronger as the year progressed. Activation marked another high point of the year as Theta Kappa Chapter became the largest Lambda Chi Chapter in the nation.

Many honors were earned by brothers during the year. Besides the professional engineering clubs, Lambda Chi's were inducted into the engineering honoraries and such academic honoraries as Tau Beta Pi and Blue Key. More prominent participation in the Student Government Association was achieved with the election of Brother Umpleby as Vice President of that organization. Lambda Chi's were also elected as class officers and appointed as resident assistants and advisors for the upcoming school year.

Although the fraternity bonds together over 10 per cent of the student body, members have no fear of losing their individual identities. Brother James Nordmeyer was honored to be chosen to carry the spirit of Theta Kappa chapter to the Lambda Chi Alpha Student Advisory Committee.

As usual, Lambda Chi Alpha was the leader in intramural campus sports. The teams proved to be dominant, as evidenced by the addition of another

All-Sports Trophy to our collection. Brothers also competed in varsity athletics such as football, baseball, wrestling, track and tennis.

There is a strong feeling of community responsibility at Lambda Chi Alpha. During Homecoming week in the fall quarter, the annual Lambda Chi "Run for Those Who Can't" netted over \$1100 for the Children's Learning Center of Terre Haute. And at the spring blood drive, the chapter achieved the highest percentage of involvement of any campus organization.

The brothers kept the holiday tradition strong during the Yuletide season. The chapter hosted a Christmas party for needy children of Terre Haute—children who otherwise might not have enjoyed Christmas at all. A Christmas dinner was prepared by Professor Alfred Schmidt, an alumnus of our chapter, for the fraternity members, school administrators, and other guests. And Christmas would not have been Christmas without caroling throughout the neighborhood.

As a welcome balance to the academic emphasis here at Rose, Lambda Chi Alpha hosted three formal dances this year. The most beautiful co-eds attending ISU and St. Mary's were featured at the Calendar Girl dance in the earlier part of the school year. During the winter quarter the Red Lion was the event of interest, while the springtime saw the festivities of the White Rose dance. Springtime also brought such favorites as the pi roast and the canoe trip.

The 1977-78 school year was memorable indeed, as new landmarks were accomplished and old traditions were upheld. Our strength lies not in the past, but rather in the present and future as the men of Lambda Chi Alpha continue to make their mark on the campus and community as the "Fraternity of Honest Friendship."

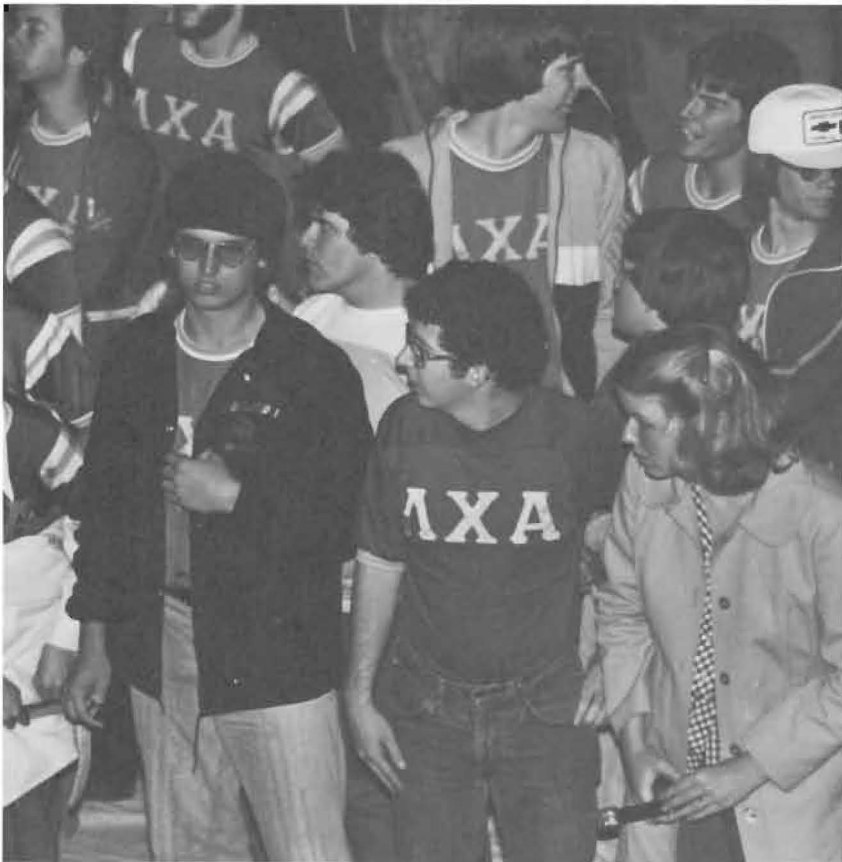




Pete Smith helps LXA win tug-of-war.



"Thank God, I'm a Lambda Chi!"



Lambda Chi Alpha's watch another event.



Guy Gadomski leans into the turn during the bike race.



John Pfeifer provides the ballast as Brock Rule and Mike Wame paddle.



The Lambda Chi Alpha pyramid.



The bike race requires stamina and concentration.



RAYMOND A. VANCE

NATHAN B. EDWARDS

GLENN C. FORTING

GERRY J. EAL

GARRELL W. STAGGS

CHARLES E. HOFFMAN

ROBERT E. CULTICE

MICHAEL B. MERRICK

HIGHARD J. DOORLEY

WILLIAM F. POTTER

CARRY J. BEAL

ARVIN L. ROSE

CHARRELL C. GRABBS



WILLIAM M. KUENNING

JAMES M. SCHODKOWSKI

JEFFREY R. WIRTH

MICHAEL D. STERLING

ROE C. EAST

RICHARD M. PIERCE

JOHN C. BURKEY

PAUL M. CLARTIN

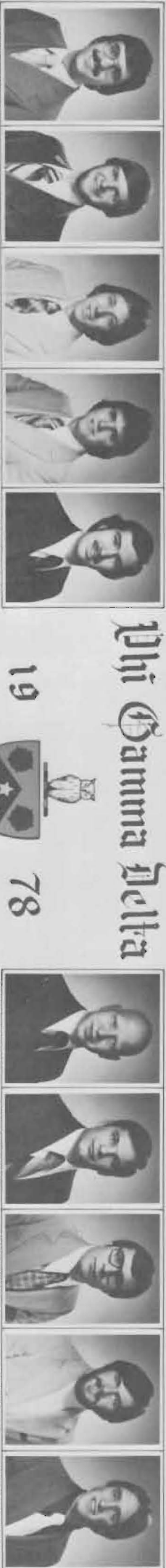
JEFFREY W. WELLS

ANILKUMAR C. PATEL

PAUL F. FOX

STEVEN E. WALSON

PAUL A. SCHRIEST



RICHARD J. CASHILL

MICHAEL D. CHAPMAN

MICHAEL L. JACOBS

D. THOMAS FIELDS

THOMAS R. BOUTZLAF

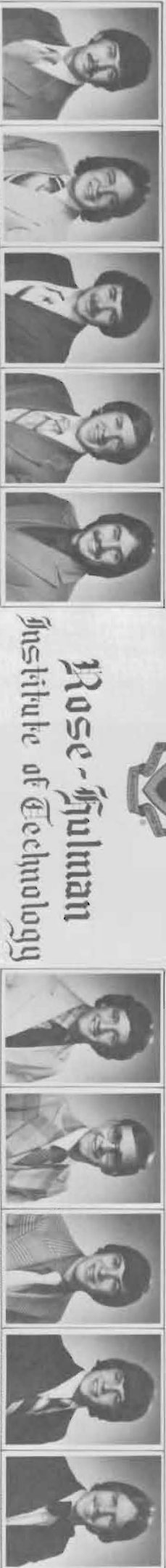
MICHAEL W. PETERSON

RAYMOND B. FARMER

ROBERT W. WALFORD

BRIAN DALGHERITY

WILLIAM R. SHANKLE



JACK O. WICKHAM

PAUL E. HOFFMEYER

DAVID J. PRINCE

KEVIN L. THOMPSON

MARY W. LUDWIG

STEPHEN J. WRIGHT

THOMAS J. ROE TNER

STEVEN W. WILSON

ROBERT C. FRICHTSCHER

A. BLAIR HUGHES



WILLIAM R. HENTZEN

JAMES C. HEWLIN

DAVID B. JACKEL

BRAULEY T. DORCHOWE

ANDREW D. SAVILLAS

GERHARD S. FELTON

TIMOTHY M. MCGOUGH

JOHN P. FOLEY

JOHN J. MATROUS

GARY A. STEPHENS

DOUGLAS A. SHALL

ARTHUR L. MCGREW

ARTHUR C. SCHULTZ

Phi Gamma Delta

1978

Rose-Hulman Institute of Technology



STEVE J. HECROT

KEVIN A. FISCHER

SHIRAZ J. FOWLER

MICHAEL S. WREGBER

JAMES C. WOLFELEY

THOMAS D. CARLSON

MARY A. NICHOLAS

JOHN R. PETERSON

JAN D. TODD

MICHAEL W. BRISKE

ROBERT T. TIPPENMAN

MICHAEL D. LARSON

Phi Gamma Delta

The 1977-78 year was a very successful one for the Rose-Hulman Fijis. After the many weeks of fall rush, nineteen new members were added to the chapter. Throughout the rest of the year, four more were added to the membership, bringing the total to 73. The year brought many new ideas.

One of these was heller weekend, which was held during Fall quarter. On Friday, there was a live band party featuring "Rage." On Saturday a barn dance was staged. The occasion was greatly enjoyed. Also that quarter, Fijis put together the haunted house for the Terre Haute Jaycees. Money coming from this went to the Special Olympics Foundation, and it turned out to be a big success. Another social service project, which is done every spring is cleaning up Camp Gulick, the summer camp owned by the Terre Haute Boys Club.

Rho Phi Chapter raked leaves and did minor repairs.

The Phi Gamms did well in intramurals this year, finishing third in major football and winning the cross-country meet. In interfraternity sports, the football team took first place.

The highlight of the year was winning Greek Weekend. Previous attempts to capture the event failed, but this time Fiji came out on top, taking first in the cart race, second in the canoe race, first in the pyramid, third in the tug-of-war, and third in the bike race. To cap the night off, Songfest was held in the Hulman Union. Although the chapter sang well, it wasn't good enough to win.

The years ahead look to be good ones. They should see an improvement in all aspects. Graduate support is looking up as is the spirit of the chapter.





Fiji shows the winning form in the fifteen-man pyramid.



Tapping the bell signifies the pyramid is complete.



Purple Power helps the bike team.



Mike Peterson steers around a bouy.



Preference Monday means everyone will enjoy a good meal.



Randy Shinkle moves on the outside lane.



Phi Gamms compete during Songfest.



JEFFERY SMITH



ED O'NEILL



JOSEPH COMER



ALAN DECON



WILLIAM SHEENE



MARK SEIGER



GREGORY HEINE



JOE JACKSON



DENNIS CAHILL



KEITH KINMAN



TIMOTHY TIPTON



GREGORY LEIBEL
PRES. MEMBER



DANIEL W. RISHER
PRES. MEMBER



MARTIN SCHUMAN
VICEPRES.



MIKE SCHNEIDER
VICE PRES. MEMBER



MATTHEW HOOTON
TREASURER



DANIEL HALE
VICE PRES.



ROGER LEWIS
VICEPRES.



DAVID MORRIS
MEMBER



PATRICK TRAPP
VICE MEMBER



JEFF PATTON



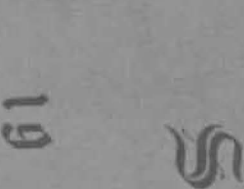
MARK BROTHERTON



MARCUS LEAVITT



JOHN HEINE



TERRY PEAK



BRUCE ANDERSON



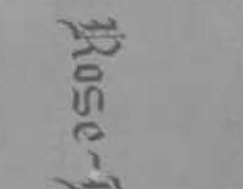
DONALD WEISK



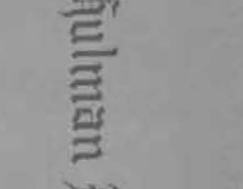
GAIL REED



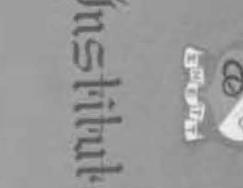
BUDDY ATTERTON



MARK RIPPLE



ROBERT HUMPHREY



PAUL TEASLER



JOHN MILLER



JAMES CAMPBELL



PATRICK GUNDY



ROBERT HEIMAN



DONALD WIATT



DAVID FORBES



BILL KRASSON



JOHN BOTWIN



GREG PEAK



LANCE MELNICK



PAUL GURN



JEFF GRESH



DAVID GOSHORN



RICHARD TWENTER



BRENT HARRIS



DALE BURNHEWER



CHRIS HALE



ALAN FRICKE



KEVIN MCPOLAND



JAMES WOLF



SCOTT LOUGHER



KENNETH HUX

Sigma Nu

1978



Rose-Hulman Institute of Technology

Sigma Nu

During the course of another demanding year at Rose-Hulman, members of the Beta Upsilon Chapter of Sigma Nu Fraternity found time to shine both as a group and as individuals through their enthusiastic participation in sports, rush, campus organizations and activities, community work, and a variety of social functions.

Sigma Nu rush efforts were well rewarded. Twenty-three more "wild and crazy guys" were chosen to help carry on the fraternity's traditions and reputation.

Student Government, Blue Key, Tau Beta Pi, ASME, and ASCE were just some of the many campus organizations in which Sigma Nu members were regularly involved. Congratulations go to those brothers who showed outstanding leadership and responsibility, including Mark Leavitt, past president of ASME and Outstanding Member of ASME; Buddy Atherton, president of ASME and vice-president of IFC; and Dan Reed, treasurer of ASME.

Sigma Nu recognizes the importance of community involvement. Again a successful door-to-door collection was made for the Heart Fund. A favorite project, the annual Glenn Home Picnic, was carried out with the

help of an ISU sorority. This worthwhile day with the children was complete with plenty of hot dogs, and vigorous games of football and frisbee.

The word "sports" is synonymous with Sigma Nu. Its members not only participate in the varsity sports, but take pleasure and pride in strong intramural programs. Sigma Nu proved third overall during the antics of Greek Weekend, capturing the Canoe Race championship and second in the Cart Race.

Socializing is a vital part of Sigma Nu life. A full calendar of events provides the brothers with diversion from academia. Monday Night Football keggers, mixers with ISU sororities and St. Mary's women, and informal parties with themes like "T-Shirt" and "Mad Hatter" are regular affairs. Special and seasonal events include hayrides, Homecoming, the Pledge Dance, the White Rose Formal, and the ever-popular Riverboat Weekend on the Mississippi River.

The past year has been one of growth, involvement, and achievement for Sigma Nu. Enjoyment, fulfillment, and brotherhood are the essentials of a successful fraternity.





The canoe race.



Mike Wolf puts on the power.



Lots of practice is necessary for the pyramid.



The exchange of riders is a critical point during the bike race.



"Pull, pull, pull!" is the word as Sigma Nu competes in tug-of-war.



Ed O'Neill helps Joe Doner bite the bullet.



MICHAEL A. LEPP



THOMAS E. KLASSEN
SCHOLARSHIP CHAIRMAN



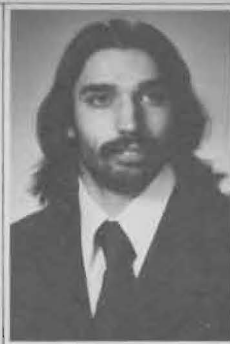
BENNETT M. BLACK
SR. HOUSE MANAGER



MICHAEL J. KNOBLE
VICE PRESIDENT



J. PATRICK GREEN
PRESIDENT



THOMAS H. HACKNEY
TREASURER



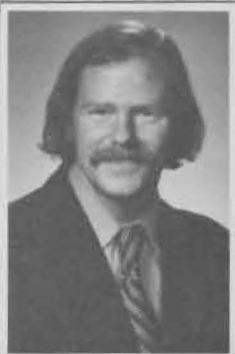
DAVID A. CAUDILL
JR. HOUSE MANAGER



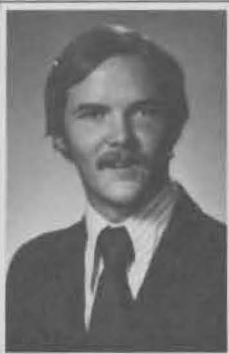
ROBERT E. SHOEMAKER
SECRETARY



RONALD D. HOWELL



MICHAEL T. STIEFF



GARY G. BRUEGGE



WILLIAM J. WINSLOW

Theta Xi

19



78



KIP MC ROBERTS



MARK R. SPOENTGEN



DANIEL J. FERRELL



CURT R. SISSOM

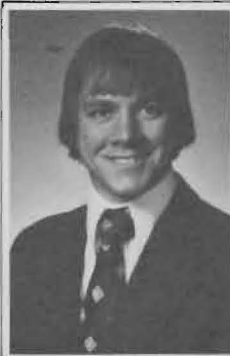


LEE E. NEW



E. SCOTT CRAGIN

Rose-Hulman Institute of Technology



RICK A. KOEHLER



JAY M. KING



MICHAEL L. MORGAN



NICKEY E. MOORE



JON S. FEBUS



JEFF M. PATRICK



DUANE A. SCHMIDT



J. MICHAEL DOERR



GREGORY L. HEMMER



KEVIN L. MARSHALL



STEVE R. KOCHERT



CHARLES L. NICHOLS

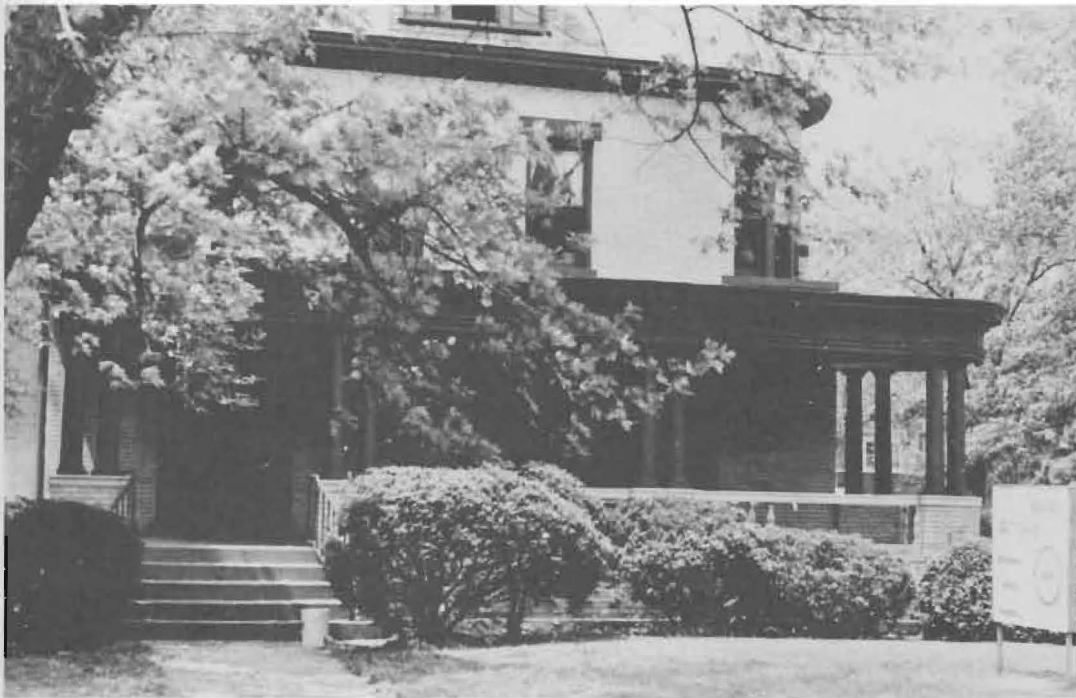
Theta Xi

Theta Xi continues to be the fastest growing fraternity at Rose. With nearly three times the members of two years ago, Theta Xi is destined to again be one of the strongest members of the Greek system. The Kappa Chapter has grown using the standards of selecting a man for himself, for what he is as a person. Members are diverse individuals, not plaster casts from one mold. This diversity enhances rather than detracts from the brotherhood of the fraternity, however, with the brothers showing a rare closeness for each other. No one loses his individuality in the crowd, but is encouraged to develop more fully while adding to the responsibilities of membership in a group.

Theta Xi has had a wide range of activities this year. The social highlights ranged from the Beach Party

(complete with sand in the basement) to the unforgettable Winefest. With an occasional Quarter Bar and a Hairy Buffalo the year was quickly over. The house, which has been at 902 S. Sixth St. for over thirty years, was also a major focus of attention this year. With the outside trim being painted and much of the woodwork being redone on the inside, it should last for another thirty years. Other activities such as intramural teams were also a major interest this year.

The members of the Kappa Chapter of Theta Xi find much fulfillment from this year's activities and are looking forward with great anticipation to next year, which is sure to bring many more rewarding experiences.





Winefest is one of the biggest parties in Terre Haute.



Nick Moore gets off to a good start.



Pyramids come down easier than they go up.



Bob Shoemaker is the pilot of Theta Xi's bike.



Winefest is wine, women, and . . .



Catching some rays at the beach party.



Theta Xi is off and running to build the pyramid.



JOHN F. TESKEY



WILLIAM G. LOWRY
HOUSE MANAGER



PHILIP V. CAGLE
ACTIVITIES DIRECTOR



RANDY J. VAAL
VICE PRESIDENT



KEVIN A. BARRER
PRESIDENT



ERIC N. DANSKER
SECRETARY



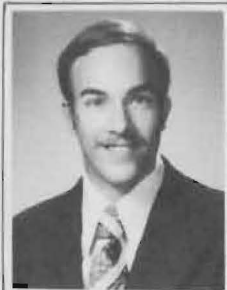
ALESSANDRO F. PADOVAN
TREASURER



DANIEL W. LYTTLE
STEWART



RONALD H. HAAS



JOHN A. CALHOUN



DOUGLAS L. DAVIS

Triangle

19



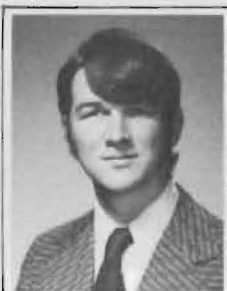
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MICHAEL L. CHURCH



KARL F. FOX



GREGORY W. HOPPER

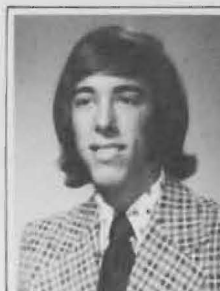


RONALD A. WIER



JEFFERY V. MARTIN

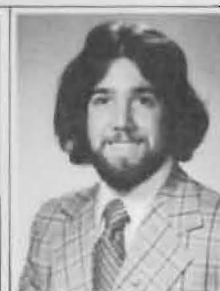
Rose-Hulman Institute of Technology



DAVID H. OHNESORGE



EDMOND P. TAYLOR, JR.



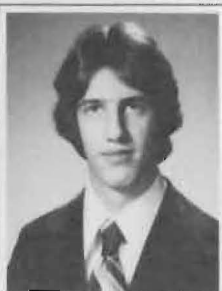
BRUCE K. MONTGOMERY



DOUGLAS R. ENGELHARDT



COREY H. W. LUKE



WILLIAM A. KREHELY



JAMES R. BAKER
ADVISOR



TERUO ISHIHARA
ADVISOR



ERIC R. FOX



BRIAN E. WEST



DAVID M. BATT



JEFFREY G. HIPPLER



RICK F. NICHOLSON



WILLIAM R. SUTTON



ALBERT D. GILMORE



BRIAN D. BOUNDS



JOHN A. NELSON



ALAN E. SIEGMAN



CRAIG E. JAMES



RONALD L. BRUNCK



ANDREW P. HOFFMAN

Triangle

Once upon a time, 1906 to be exact, a group of sixteen civil engineers started a fraternity at the University of Illinois. Once upon another time, a group of Rose students started a chapter of the same fraternity at a small engineering college in the midwest. Suddenly, ten years passed. Triangle, the fraternity of engineers, architects, and scientists, is now established at Rose-Hulman. The brothers pulled together for an exciting and productive three quarters.

One of a fraternity's most important aspects is its social life. Triangle made great strides in partying during 1977-78, with major theme parties such as the Maze and Voodoo dances and the all-new Inferno party. In addition to the major activities, some reason for celebration seemed to pop up nearly every weekend—who else had a Chinese New Year party?

Individual participation in school activities was once again high, as Triangles made their presence known across campus. Significant parts of the Band, Drama Club, and Thorn had Triangle background. Brothers also had their irons in the fires of the Glee Club, Rose-Hulman Racing Association, Student Government Association, Student Activities Board, Blue Key, Tau

Beta Pi, Omega Chi Epsilon, Pi Mu Epsilon, Alpha Phi Omega, and the various professional organizations.

Service to the school and the community has always been a strong element of the Rose Tech Chapter of Triangle. One of the most useful items on campus is the Triangle Grey Book—the indispensable student directory. Each year Triangle presents the Teacher of the Year award to an outstanding Rose professor. For 1978, the paddle and plaque were presented to Dr. Glenn Baca of the Chemistry department at the annual Founder's Day Banquet.

Triangle was active in all intramural sports, fielding a winning bowling team. The fraternity also participated in football, basketball, softball, and volleyball.

However, the reason for coming to Rose is to get a good education. Triangle has always emphasized the importance of scholarship, and won the IFC Scholarship Trophy twice this year.

With an enthusiastic class of pledges and new initiates, the Rose Tech Chapter of Triangle is looking forward to a continued balance of scholarship, social life, and extracurricular activities, tied together with a strong sense of brotherhood.





The men of Triangle prepare to sing in Songfest.



Eric Fox puts some work into Greek Weekend's last event.



Triangles share the load of the ten-mile Bike Race.



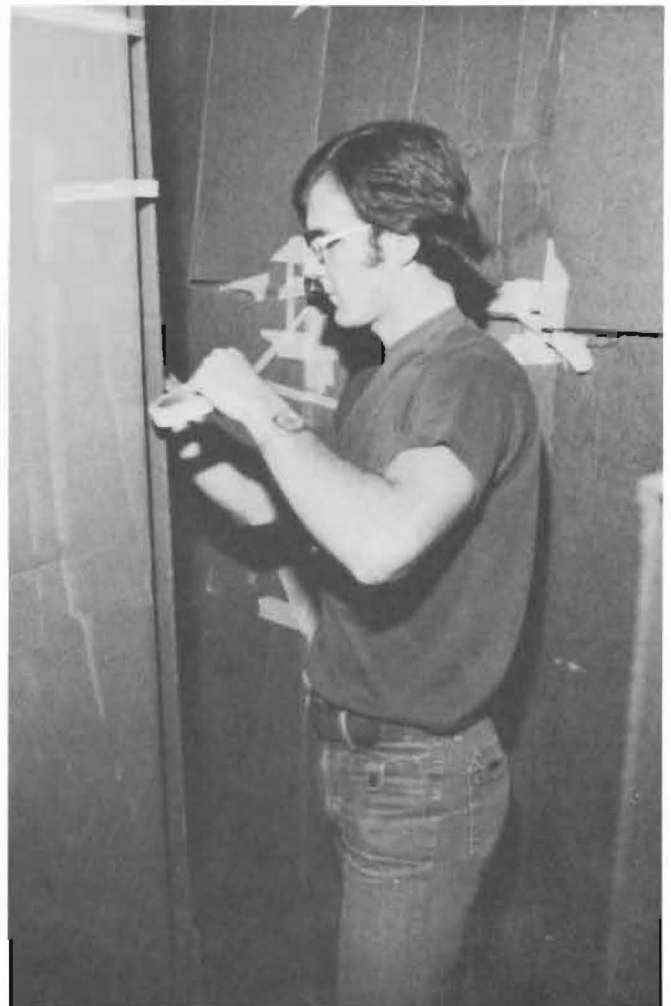
Denny Colvin introduces alumni at Founder's Day Dinner.



Dr. Glenn Baca receives the Teacher of the Year award.



"And a good time was had by all"



Karl Fox helps build the maze.



ACADEMICS



Students returning to school at Rose this year found several key positions filled by new faces. In particular, the position of Dean of Faculty is now manned by Dr. Duane F. Bruley, while taking care of housing and student activities were Pete and Donna Gustafson (formally, Assistant Dean for Student Life and Director of the Student Union and Student Activities, respectively). Because the nature of these positions involves close contact with the faculty, administration, and students, the new arrivals immediately began taking an active part in the Rose community.

Pete and Donna Gustafson arrived at Rose to take over the year-round jobs of handling the residence requirements of the students, planning the year's student activities, overseeing the operation of the Union and dormitory buildings, and providing counseling for students. Settling in with a very favorable view of the physical environment, the Gustafsons were ready to tackle the demands of their first year here.

"One of the more rewarding aspects was getting to know the students here, particularly those who worked with us on the SAB and the RHA. Their cooperation and interest was reassuring. We feel that the student activities went well this year. Our aim was to stay with small programs and quality acts to provide a variety that would attract the greatest number of students." Donna stated that though the program ran smoothly and several events were very well attended, there is going to be a particular emphasis on overcoming the traditional student apathy toward the convocation series in the future.

In accord with the Gustafsons' view that on-campus housing should mean more than just a place to stay, the IDC became the RHA, the Residence Hall Association. The Gustafsons hope to see more involvement and responsibility on the part of the students in the areas of hall government, activities, and damage control. They feel that this year's more intensive orientation of the RA's, was a contributing factor to the lowest attrition rate ever experienced in a freshman class at Rose.

Many of this year's shows were held in the WORX in the lower level of the Hulman Union. The carpeted comfort and superior sound system made it ideal for performances, and the WORX tried to offer a menu that would be adequate when students got the late-night "munchies." Donna would like to see the facilities there be used to the full potential by students in the future.

Besides the more immediate goal of providing an alternative to the typical weekend excursions into town or to fraternity parties, Pete expressed hope that in the not-so-distant future on-campus housing will be provided to anyone who wants it. This might entail the addition of another residence hall.

In the fall, dormitory students overwhelmingly voted for a more liberal visitation policy. The Gustafsons have been satisfied with the results and the policy will be continued.

In his role as a student counselor, Pete felt that everything went smoothly. In '78-'79, he and Dr. Lucas will be assisted by a third counselor, Mr. Terry Murawski.

All in all, the Gustafsons enjoyed their first year, working with students who impressed them as intelligent and a faculty who they felt exhibited "caring carried over."

"I am impressed. Rose-Hulman really lived up to my expectations, and I had high expectations when I arrived. The academic program, the student body, and the dedicated teaching faculty put the Institute almost at the top of its class." This is how Dean Bruley summed up his impressions of Rose after his first year in the position of Dean of Faculty. He further stated that since Rose is already a topnotch engineering school, improvements would not be as spectacular as those that could be made at a lesser institution, and these improvements would have to be realized through constant effort and careful judgement in such areas as faculty selection, the expansion of facilities, faculty professional development, and continued planning of curriculum. This year Dr. Bruley set out to accomplish steady improvement through an in-depth study of the Institute's needs and a farsighted proposal of an Industrial Board of Advisors.

Dean Bruley sees the acquisition of modern, up-to-date equipment as a natural complement to the school's master building plan. To this end, he has cooperated in drawing up an equipment proposal aimed at obtaining one million dollars' worth of hardware to provide Rose students the chance to work with facilities and instruments they will encounter after graduation. Lab and classroom accommodations have been given the highest priority in the development plans for the next several years. Because of the role Rose's graduates play in business and the Institute's endorsement of the free enterprise system, Dean Bruley expects support from industry. At present, financial resources are the greatest limitation to the improvement of the school's quality of education.

Another effort to keep the curriculum up-to-date is the proposed Industrial Board of Advisors. This would be a board consisting of approximately thirty members from diversified fields which cover the range of subjects studied. Fifteen company representatives agreed to serve on the board by year's end. This board would provide input on curriculum development, such as giving insights into the role of humanities and social sciences at an engineering school.

In addition to his administrative work, Dean Bruley spent time teaching in his own field, chemical engineering. In his opinion, the opportunity for professionals to teach is just one part of the interaction which advances technical education. Students at the undergraduate level benefit from the exposure to programs which provide an actual basis for engineering applications, the feedback generated by a balanced graduate program, and its contacts with industry.

Dr. Bruley concluded that Rose-Hulman's basic goal is to aim for the top position in undergraduate engineering in education. He sees no reason why this can't be achieved.



Upon returning to Rose in the fall, students were saddened by the absence of Dr. John Rhee as the result of a tragic train accident during the summer. Dr. Rhee and his wife left two children, many friends in Terre Haute, and the entire Rose community mourning their deaths.

Dr. Rhee was a well liked and respected member of the Physics faculty. He contributed a great deal to the school during his thirteen years here through his capabilities as a professor and his knowledge of physics and astronomy. Mrs. Rhee also was an active member of the Rose family, having been elected secretary of the Rose Faculty Wives' Club. The death of Dr. and Mrs. Rhee was a loss that was deeply felt by the inhabitants of both Terre Haute and Rose-Hulman Institute.



Chemical Engineering

The faculty and students involved in chemical engineering at Rose view their career choice in a serious but comfortable way. When all the data has been put down and the sketch has been drawn, there will always be one more assumption to make. Ever since some long-ago chemist managed to produce an oxcart load of slime and dreamed of turning it into a tankcar load, there has been a demand for the adaptability and perseverance that is part of the philosophy of chemical engineering.

The traditional emphasis of the chemical engineering program at Rose has been to start off with a broad foundation in the basics of math, physics, and engineering mechanics, along with a strong chemistry background. The first course students took within the department was offered during the winter quarter of their sophomore year, and soon the exuberant cry of "IOGA" could be heard floating loonlike across the calm lake. A chemical engineering student's junior and senior years are filled with an extensive investigation of the Chem E's arsenal of tools and charts. Projects and cooperative efforts tend to lure the higher level students to the homey study lounge in the Chem E basement nestled under the chemistry department.

Two newly arrived professors, Dr. B. L. Crynes and Dr. Ronald Artigue, settled into their offices right next to the senior lab. Other new members of the staff this year were Dennis Heavin, calendar turner, and Phil Monhaut, flower child.



Above Dr. Moore and company watch the proceedings at an intramural softball game. Students and faculty found Sam's Coffee Shop a welcome stop on those cold winter mornings.





Dr. Sam C. Hite



Dr. Ronald Artigue



Dr. Warren Bowden



Dr. Jerry Caskey



Dr. Billy Crynes



Dr. Duane Bruley



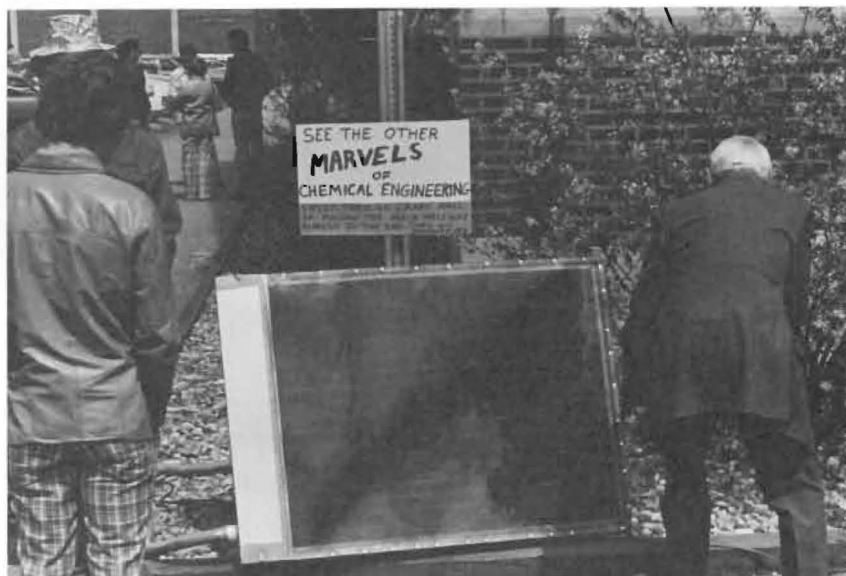
Dr. Noel Moore



Mary Jo McCullough



Donald Andresen



Above: Dr. Bowden chats with some seniors while visitors are directed to the chemical engineering display on Parents' Day. Below, Dr. Moore participates in the commencement ceremony.



Chemistry

Each freshman entering Rose gets acquainted with the chemistry department through the required two or three quarters of general chemistry. Higher level courses, dealing with specialized areas such as organic, physical and analytical chemistry, are reserved for students majoring in chemistry or chemical engineering. The result is a fairly specialized department that can concentrate on providing the thorough laboratory background, including the Red Cross first aid course introduced this year, in basic and advanced chemistry that is essential for the high degree of expertise expected of Rose students. Through the long hours spent in labs, students learn to rely on the professors and each other a great deal. The result is an unusual degree of comradery that is reflected in communal study sessions and all-night chemistry trivia quiz sessions. (Typical stumper: What famous chemist was actually a great Dane?)

This year the department welcomed Dr. Theodore Sakano, back from a year's sabbatical, and Dr. Gayle King, a new member of the Rose faculty. Continued growth is anticipated through the addition of modern instruments and improved laboratory facilities.



Dr. Frank Guthrie



Dr. Glenn Baca



Dr. Benjamin Benjaminov



Dr. R. Dean Hill



Dr. Gayle King



Dr. Dennis Lewis



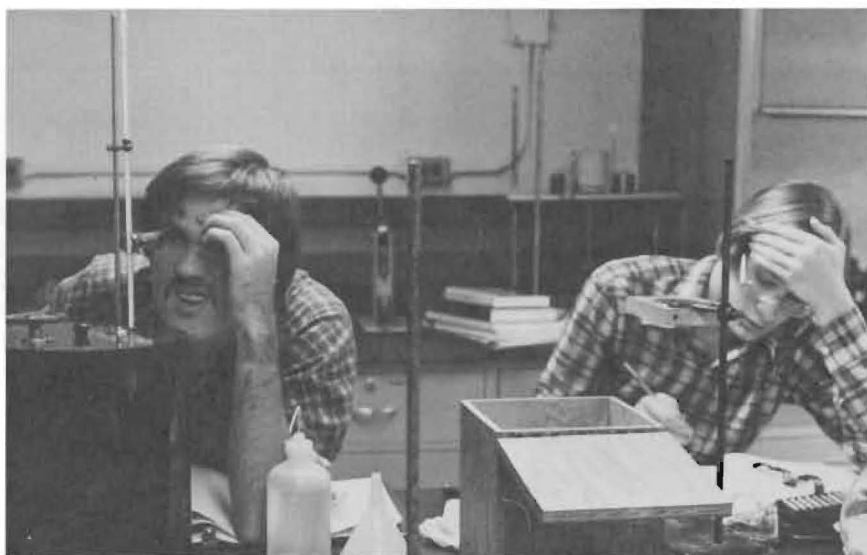
Dr. Theodore Sakano



James Pellum



Henry Hoke



Counterclockwise from above: Dale Campau practices sneering in P-chem lab as John Sidenstick copies down the data, Dr. King amazes bystanders with his powerful swing, Dr. Benjaminov lectures to his Orgy class, Gary Meier demonstrates the wonders of chemistry, and Dr. Lewis is caught playing with his models.

Opposite Page: Dr. Lewis gives the NMR a workout and Dr. Sakano is determined to keep his P-chem class awake.

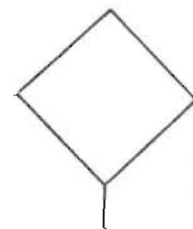


Computer Science

In accord with the view of the computer as the technological workhorse of the future (and the present), the computer science department at Rose offers students detailed and comprehensive treatment of computer languages, applications, and software in general. Comp Sci's are expected to update and increase their skills continuously by means of ever more complicated programs and applications. And to provide students with a small taste of professional life, the computer center cooperates with professors from other departments who teach computer utilization courses. Students majoring in other fields, as well as the Comp Sci's whose minds they tap, are given a chance to gain experience in comprehending and developing practical applications.

Despite the apparently small faculty, the computer science department manages to offer a wide variety of courses. This is done partly through the use of computer grading (the dreaded mark sense card) and professors shanghaied from other departments. For example, the new language offering this year, APL, was taught by Dr. Kinney from the math department. Throughout the year, the new PDP 11/70 saw plenty of use, and not all of it was from game players. The sound of someone yelling, "The computer is down again!" was sure to wring heart chilling cries of anguish from every third student.

The summer of '77 was the first year for Camp Retupmoc, a summer program for aspiring computer knurds (long may their numbers increase!). With the interest being generated in the world of computers, computer science can continue as the fast growing department at Rose.



Dr. Darrell Criss

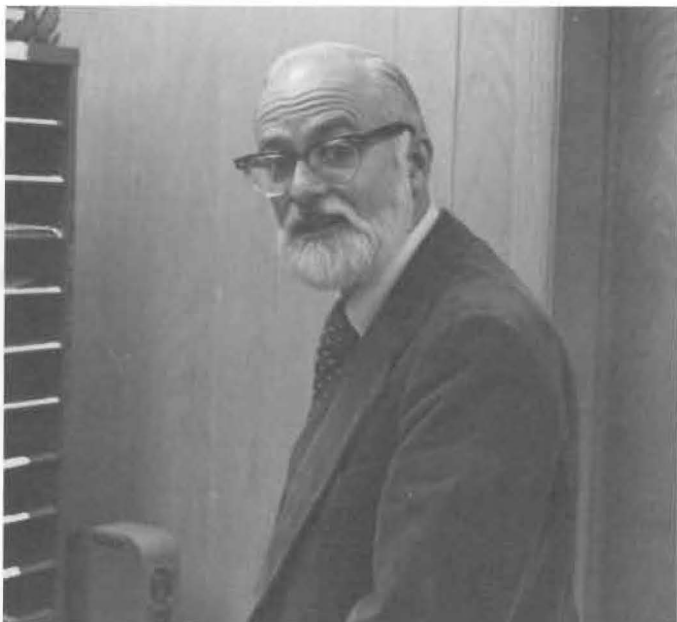


Dr. Herman Moench



Lindsay Reed

Electrical Engineering



Most EE's at Rose arrive with some knowledge of basic electronics and its applications. They quickly discover that they are expected to develop a strong background in math, physics, and computer utilization as well, which gives the program a reputation as one of the most challenging at Rose. EE's don't claim to follow the path of least resistance. This thorough regimen is balanced by conventions and seminars throughout the year, during which the students went out and had a good time anyway.

The department's lab courses allow junior and senior level students to gain experience in the areas in which they are most likely to work after graduation: electronics, energy conversion, control systems, and microwave devices. In addition, the typical senior project is an individual exploration into each student's special field of interest. With the aptitude and determination required of them, and the quality training they have received, this year's graduates can expect to go on to be a distinguished part of the electrical industry.



Dr. Glen Richardson



Prof. James Baker



Prof. John Derry



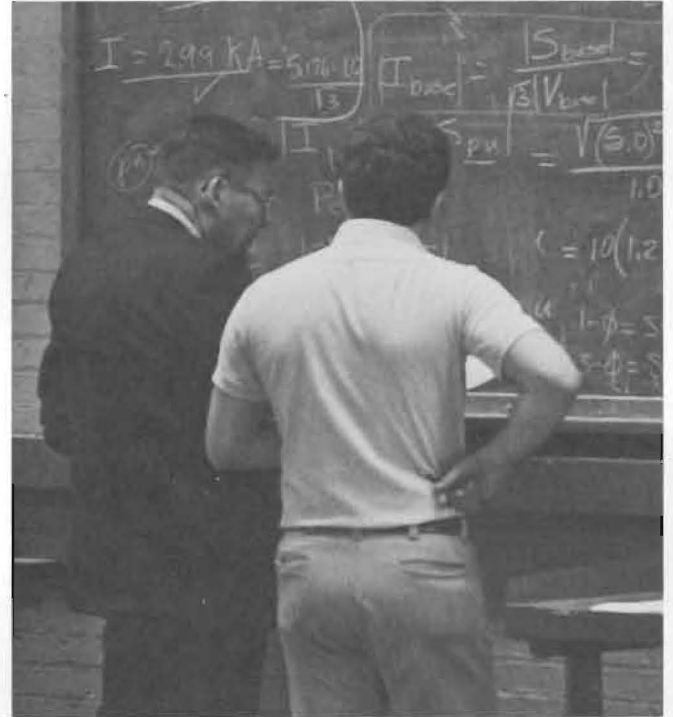
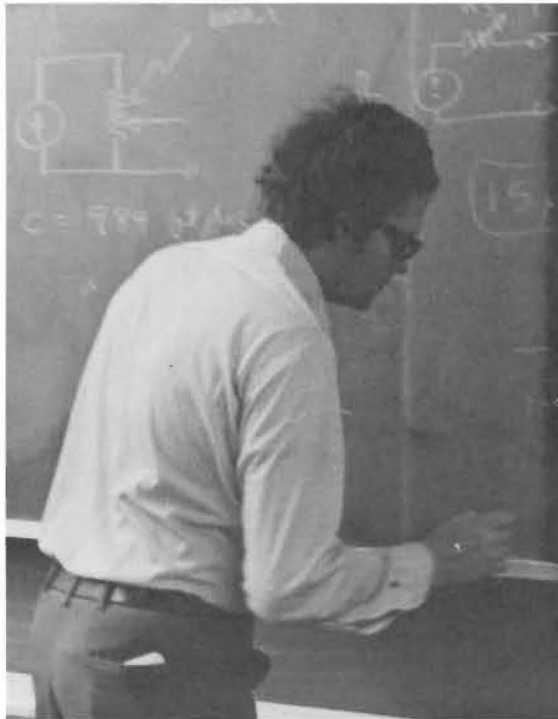
Dr. Keith Hoover



Dr. Thomas Krile



Top left: "What's that you say? There are no answers in the back of the book? Don't you know there are no answers in the back of the book of life?" Above: Paul Fox and Dr. Hoover discuss a problem.



Above: Dr. Moench seems to be working a complicated problem. Left: Dr. Hoover prepares to start on a new board. Below: Prof. Baker shows number twelve how simple EE labs can be.



Dr. Charles Rogers



Dr. P. David Smith



Dr. Henry Winton



David Gahimer





Clockwise: Prof. Krile inverts a lambda, the magic of electricity keeps this pic pan suspended at the Parents' Day Show, and EE lab is full of excitement, as usual.



Humanities



Dr. Carlson's literature classes offer students a welcome break from their usual technical courses. Below: This photo speaks for itself.

Rose-Hulman is well known throughout the technical world for its ability to produce an undergraduate of superior qualities. But more is required of a competent engineer than just a flashy technical vocabulary and a well charged calculator. The Humanities division, through its many different courses and the variety of area minors offered, aims at promoting an understanding of and the ability to communicate with a wide range of ideas and people. The structure of the "hum" program has been expanded in recent years to allow students the choice of individual courses or an area minor in the areas of language, literature and the arts, history, philosophy, the life sciences, psychology, economics and sociology.

Despite the fact that each course is presented as thoroughly as possible in the ten week quarter, or perhaps because of this fact, many students headed in to State this year to take challenging courses like "Mythology 106" with all the coeds. (translation: girls!). The resulting imbalance in the cooperative exchange program is being corrected through tighter controls on exchange "hummers", meaning that more students are going to get the full benefit of Rose's own "hum" system.

One program that has grown considerably in the past several years is the life science curriculum under the care of the hum department. Currently, Dr. Stratten, with the aid of a grant awarded this spring, is endeavoring to set up a program to heighten the biological and environmental awareness of engineers.



Dr. Thomas Mason



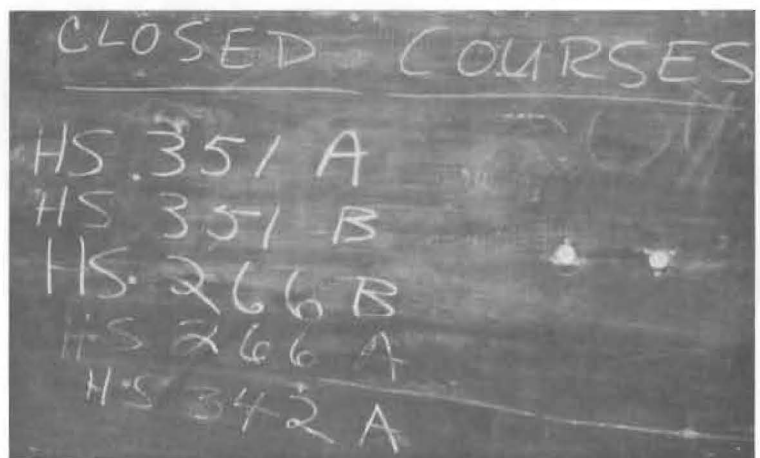
Dr. Patrick Brophy

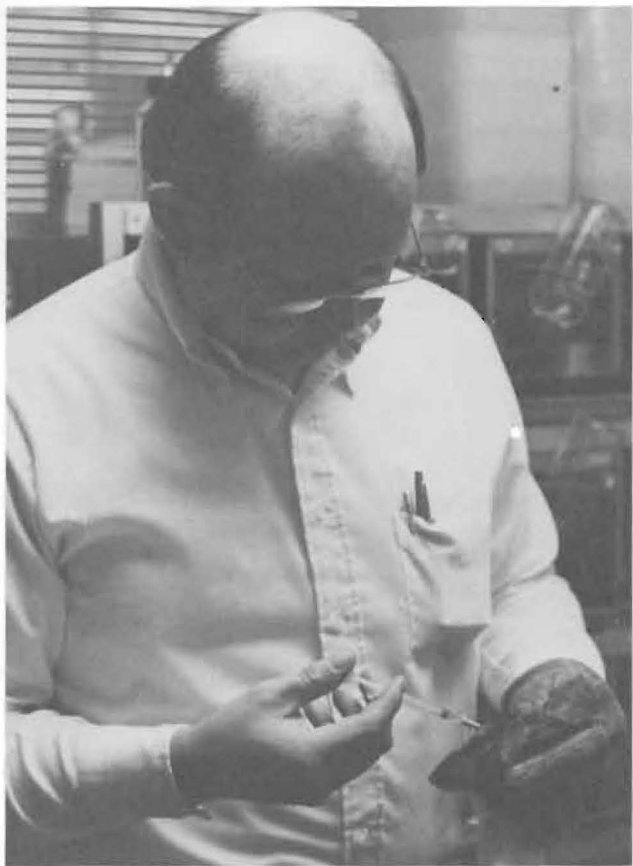


Dr. Patricia Carlson



Dr. Calvin Dyer





Top to bottom: Prof. Brophy injects his hand with a potent drug as a rat looks on, Dr. Ying lectures to an economics class, and Peter Priest tells about the ties he got for Christmas.



Prof. Louis Harmening



Dr. Judith Hoover



Prof. Hannelore Lehr



Dr. Jess Lucas



Above: see last caption, previous page. Below: Professor Priest tries his hand at Russian dancing, as taught by the lovely artist, Carolina Varga Dinicu, and Dr. Stratten delivers a powerful lecture.



Dr. Heinz Luegenbiehl



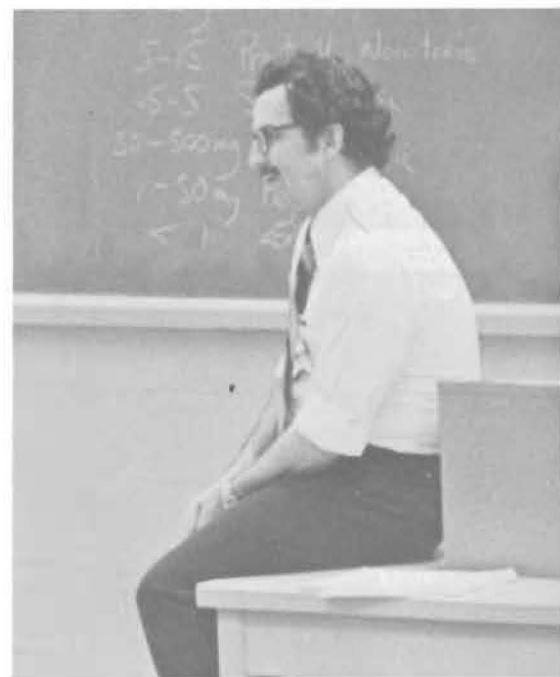
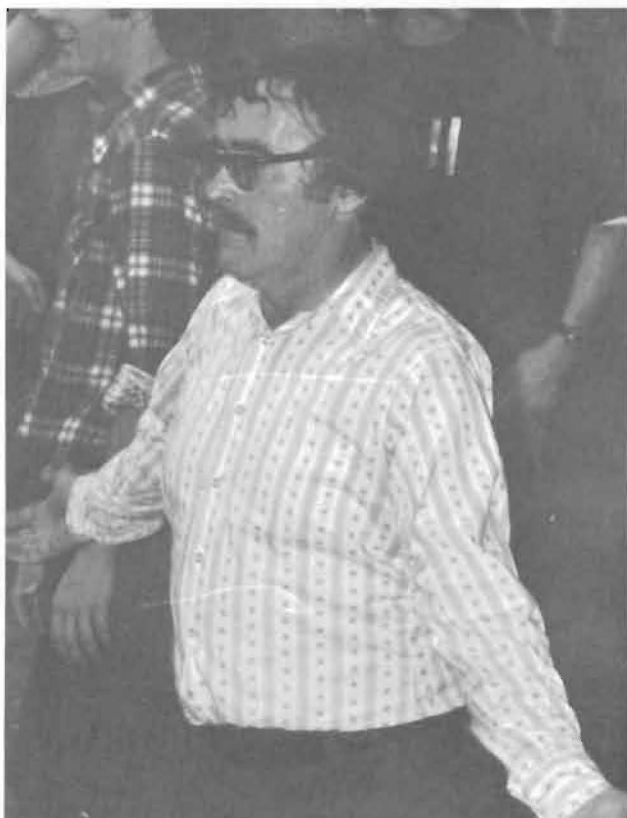
Dr. William Pickett



Prof Peter Priest



Dr. Thad Smith



In addition to classes taught by the regular faculty, students were able to take many courses taught by adjunct professors from the local area. These classes cover such topics as art, music, and foreign studies which are in real but limited demand or have not been fully incorporated in the humanities curriculum. The professors who served as adjuncts this year were Dr. Laurette Bellamy, Dr. Dave Johnson, Prof. Bob Kingsley, Dr. Cherry Kinney, Prof. William Meehan, Dr. John Ramer, Prof. Don Shields, Dr. Joan Spicknall, Mr. Bill Teegarden, Dr. Paul Thomas, and Dr. Cynthia Wolfe.



Dr. Wilford Stratten



Dr. John Ying



Barbara Hunt



Betty Moore



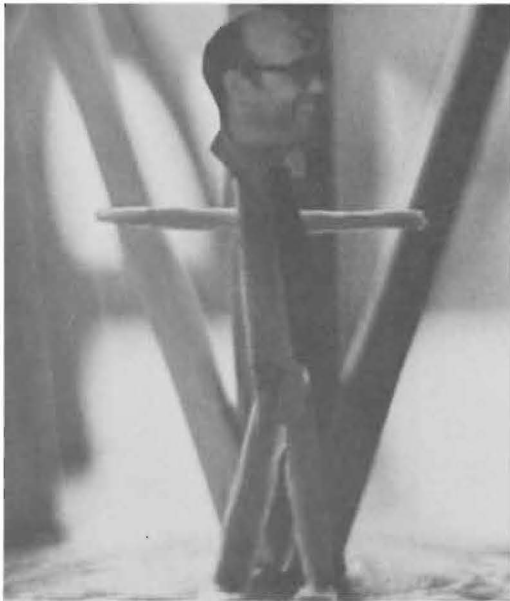
Dr. Pickett pauses while making a point in Russian history class, and Dr. Dyer displays his typical *joie de vivre* while reading Shakespeare to his students.



Civil Engineering

Rose's civil engineering students prepare for a career in the area of public works, with alternative careers in business or administration in consideration. To accomplish this aim, they are often seen trooping happily outdoors on fine spring days with an arsenal of surveying instruments. The front acres of "dear old Rose" surely rank among the most heavily surveyed localities in the world. At other times, civil engineering students can be seen industriously putting together models of original construction projects or giving presentations explaining the nature of their designs. In addition to the trusses and bridge models regularly on display in the windows of C-102, this year's featured project was a modern suburban home and housing development.

An alternative program offered by the department is the environmental option, with emphasis on water quality and biological interactions. This year a larger number of students chose to pursue this option, indicating that it will continue to be a solid part of the civil engineering curriculum.



Dr. Mark Berrio



Dr. Kenneth Henkel



Dr. Cecil Lobo



Dr. Daryl Logan



Dr. Martin Thomas

From top to bottom: Dr. Berrio and Tony Allen examine a model duplex; a good engineer keeps tabs on the construction site; is Dr. Henkel sprouting wings?

Mechanical Engineering

The largest department at Rose-Hulman, Mechanical Engineering is geared to prepare students for the many opportunities presented to its graduates. This year's seniors should be impressive achievers in the areas of management, development, and operations if they keep with the tradition of the past.

During the course of their four years, ME's are first exposed to such basic courses as "Sticks" and "Rocks." They then progress to more exciting courses like "Vibes" and "Dynamics." Typically, students will experience all kinds of sheer stress and occasionally even meet up with some bacon frying.

A welcome reintroduction this year is the program relating to biomedical engineering. The biomed program here died earlier in this decade, but attempts are being made to revive it under the direction of Dr. Larry Dooley, a new arrival from Mississippi State.

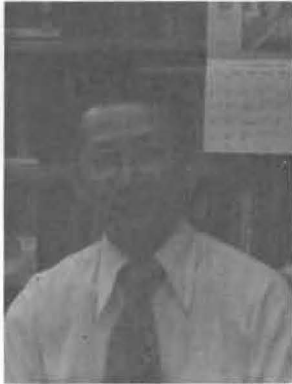
Aside from classes, ME's are noted for their involvement in activities that range from field trips and guest speakers to picnics and fluid flow seminars. The entire year was filled with chances to get involved and gain experience in engineering.



Dr. Matsumoto and student discuss a problem, at top. Below, Dr. Hulbert displays some nifty joints, and Dr. Gibson proves a point on the blackboard.



Prof. Robert Steinhauser



Dr. Donald Chiang



Eugene Clehouse



Dr. Don Dekker



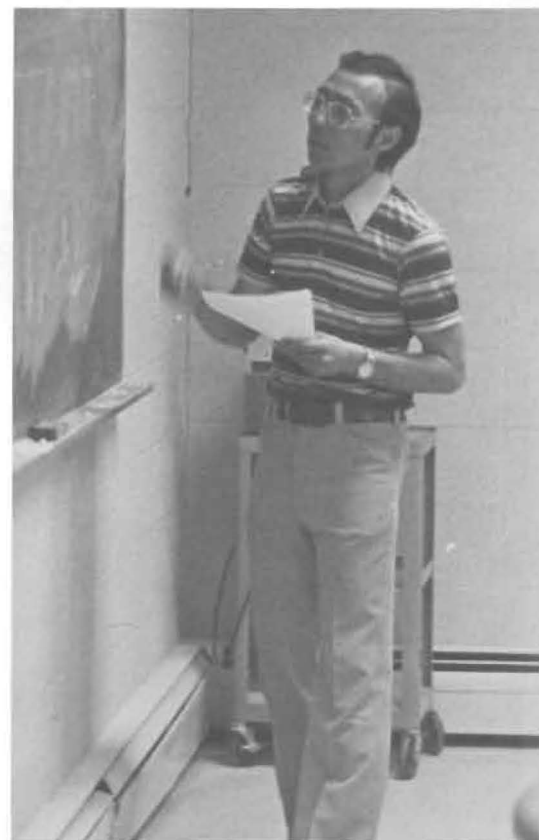
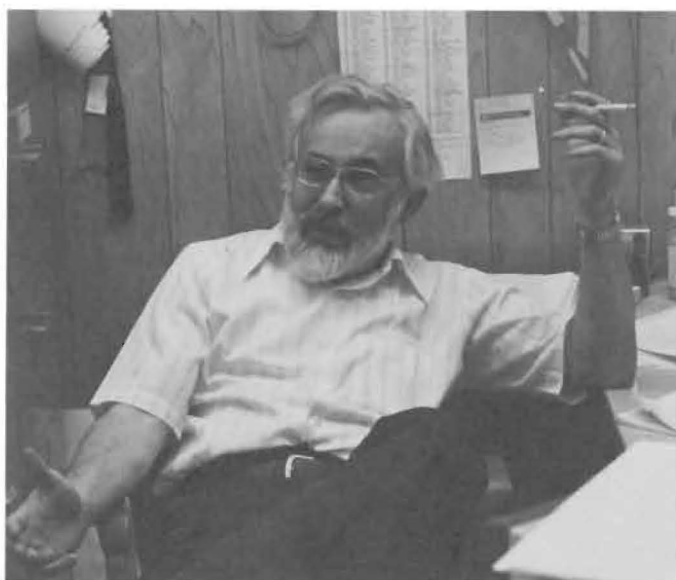
Dr. Larry Dooley



Prof. Edward Eckerman



From left to right: students enjoy themselves at the ASME picnic, Dr. Morin talks about his childhood in Brooklyn, and Dr. Matsumoto whizzes through an example with lightning speed.



Dr. James Eifert



Dr. Larry Dooley



Dr. Irvin Hooper



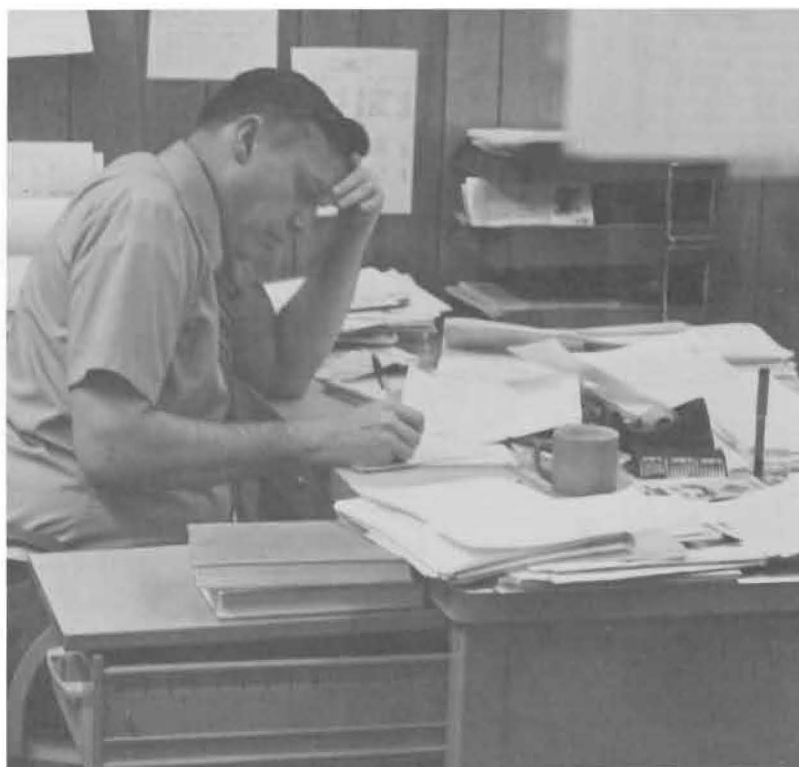
Dr. Sam Hulbert



Dr. Teruo Ishihara



From left to right: Dr. Darrell Gibson and Curt Dunlap stare at something going on in the back of the room, Division Chairman Steinhauser works in his office, and Dr. Logan instructs his "Sticks" class.



Dr. Gerry Matsumoto



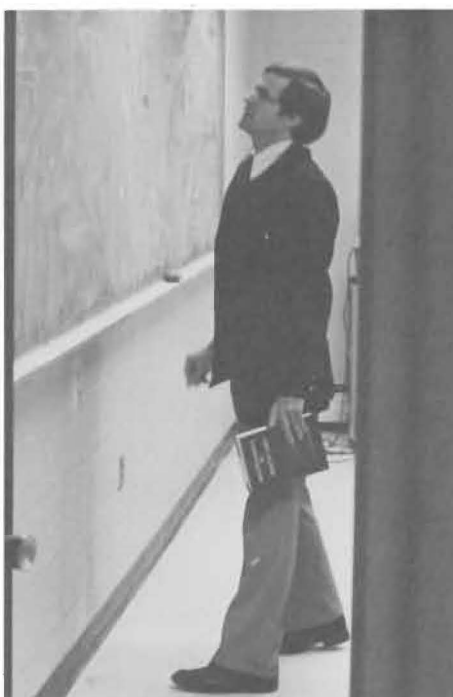
Dr. James Matthews



Dr. Donald Morin



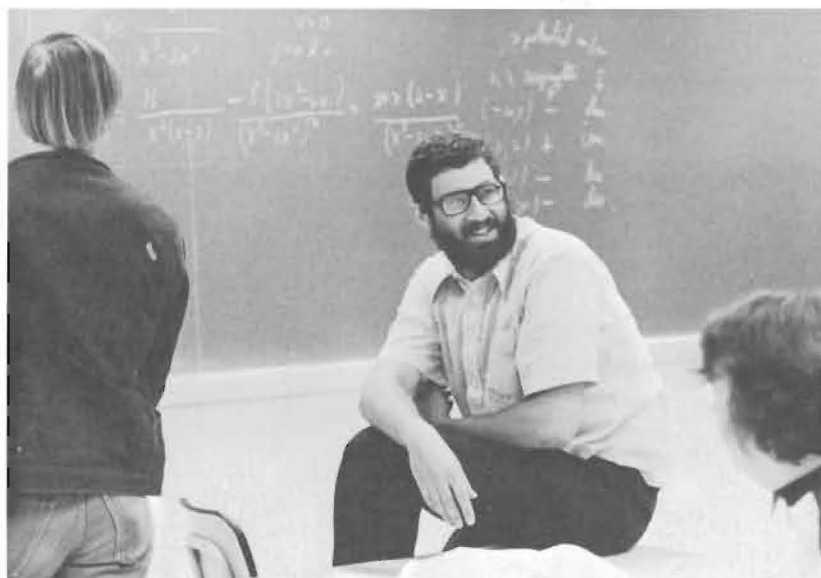
Dr. A. Thomas Roper



Martha Eachus

Mathematics

Top: Prof. Aboff displays typical classroom style. Middle: "Well, golly gee, it looks like this baby's gonna be a tough nut to crack!" Bottom: Dr. Bailey and Dr. Sherman collaborate on a tough problem.



Math is recognized as the basic tool of the scientist and engineer. To guarantee that every student is proficient in the manipulations and computations that are a part of his other subjects, calculus and differential equations are required in every curriculum. Four hour finals, first period classes, and calc drag are a memorable part of being a freshman.

Though relatively few students ignore the dire predictions about the availability of jobs for graduates with a math degree, a large number of students studying math as a minor take advantage of the higher level courses offered.

Math faculty members are an active group on campus. Very often this year they were visible in the fieldhouse playing raquetball, on the faculty teams in various intramural sports, or on the softball field defeating the chem department in the first annual Chem-Math softball game. The most likely explanation for these physical tendencies is their desire, as mathematicians, to keep their figures in good order.





Top to bottom: Dr. Sherman takes a swing at the chem-math softball game, will someone please tell Dr. Rennolet to close his mouth? and Dr. Grimaldi rapidly rotates slabs of tasty Texas toast at the late night breakfast.



Dr. William Ritter



Neil Aboff



Dr. Herbert Bailey



Dr. Ralph Grimaldi



Dr. John Kinney



Dr. Roger Lautzenhauser



Prof. Dale Oexmann



Dr. Gary Sherman



Prof. Alfred Schmidt



Dr. Charles Rennolet



Mary Lou McCullough

Physics

Physics has always been stressed in the academic program at Rose. Every curriculum requires at least the basics, E'M and Waves, while some require one or two additional courses. Through these courses and the labs that accompany them, the Physics department is a familiar part of life for all. When a student talks about crunching data, discusses the outcome of the daily quiz, or wonders how Agent 007 is going to beat the laws of Physics, chances are he is talking about a physics course.

For that distinctive and hardy individual who wants to major in the field of physics, the department teaches several high level courses, with an emphasis on everything from acoustics to nuclear physics. The physics department also

handles the running of the campus observatory and offers accompanying courses in astronomy and stellar physics. An interesting addition this year was a course in biomedical physics featuring "from the ground up" treatment of physiological processes. The instructor, Dr. Brij Khorana, was a new addition to the physics faculty this year.

The variety of experiences to be found in the Physics department, including laser beams, cosmic ray counters, and the second-level walkway cinema, (who can forget that dramatic classic, "The Tacoma Narrows Bridge"?) all help make physics exciting or at least tolerable for all parties involved.



Dr. Meeks concentrates on applying the laws of physics to win a softball game.



Dr. Bruce Danner



Dr. Brij Khorana



Dr. Granvil C. Kyker



Prof. Paul Mason



Dr. Wilkison Meeks



Dr. Michael Moloney



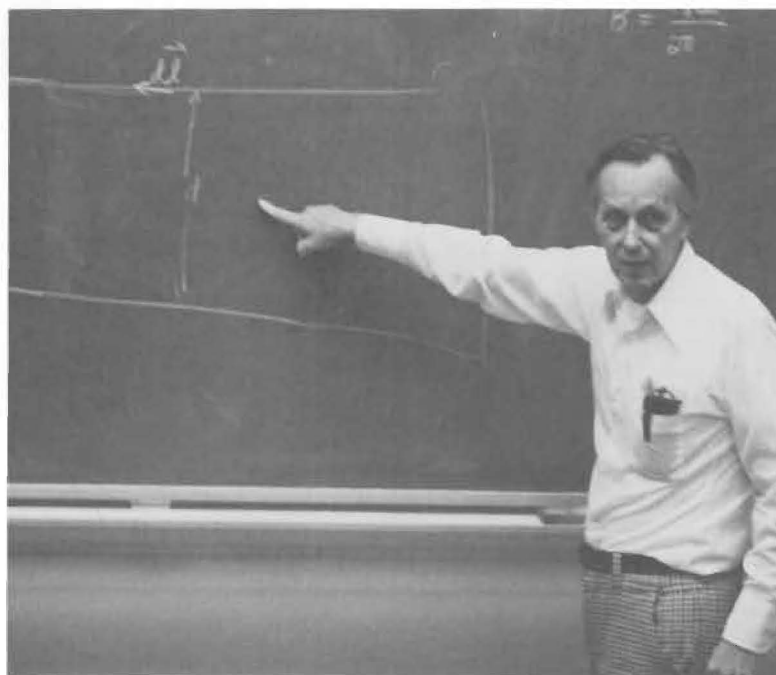
Dr. Jerome Wagner



Gary Burgess



Counterclockwise from top: David Potter receives the Outstanding Physics Student of the Year Award, Tom Lathrop sets up a lens experiment in Waves lab, Dr. Moloney practices writing without looking at the paper, and Dr. Meeks points at a "d".



Military Science



The R.O.T.C. program at Rose has a reputation for producing fine quality officers. This year, in addition, the department made an effort to strengthen the freshman and sophomore curriculum. The existing courses were revamped and improved with an emphasis on field maneuvers, land navigation, strategy and tactics, and weapons knowledge. The large number of army green fatigues visible on campus was just one indication of the resulting increased student interest. There were opportunities to go rappelling, skydiving, and orienteering. There were several expeditions to army bases to see what army food, training, and equipment were really like. In addition to these activities, serious ROTC gunners had the chance to go on several FTX's to spend a weekend fighting the sneakered yellow hordes. Finally, at the end of the year, ROTC students made up the color guard that led the graduates down the commencement route.

The military science professors are always willing to share their expertise with student endeavors. During the fall of the year, Captain Schwachenwald and the flying club got together to set up a ground school for any Rose student interested in flying. The bonfire committee, the orienteering club, Rose Rifles and the rifle team were just some of the organizations that, while independent of the ROTC program, found they could always rely on guidance and assistance from the experienced military staff.

As the time approached at commencement for the seniors to receive the degrees they had earned in science and engineering, the graduates who had successfully completed the military program accepted their commissions as Second Lieutenants in the U.S. Army in the traditional ceremonies. This year's officers, shown with their wives, mothers and girlfriends during the Pinning of Bars, are Christopher Bolte, Jerry Dail, Charles Huffman, Jeffrey Lincourt, Robin McClain, Michael Merrick, Gerald Smith, Martin Tieva, and Michael Ullrich. Below, Gary Roberts salutes his commissioning officer and Colonel Francis Geisel provides the opening remarks.





Captain Kevin Byrnes



SSG Brayton Burkes



Colonel Frank Geisel



SFC Homer Hungerford



Virgil Jarmin



Capt. Robert Johnson



SGM Thomas King



SSG Johnny Lamb



Major Bernard Mundt



Major Ronald Schwachwald



Capt. Asa Smith



Unidentified bushes prepare to risk their lives (well, sort of) on the rappelling course.



Administration



Dr. Samuel Hulbert
President



Jack Bagley
Printing Technician



Ruthanne Bastian
Admin. Asst. to Dean of
Faculty



Betty Forbes
Registrar's Office



Dr. Herman Moench
Senior Vice President



Pauline Griffith
President's Office



Prof. Louis Harmening
Registrar



Kent Harris
Dir. of Information Services



Dr. Duane Bruley
Dean of the Faculty



Sonnie Hill
Placement Office



Mary Kay Matson
Administration



Sue May
Administration



The word administration usually carries an aloof and formal inflection. It hardly seems like the word to apply to a president who regularly eats and talks with his students, a vice president and several other top personnel who invite students to their homes for get-togethers, or familiar administrative personalities who stay up past midnight to serve a hearty late night breakfast to students struggling through the ordeal of final exams. But when it comes to positive action, administering is what they do. Coping with situations like blizzards and frigid weather, coordinating the ongoing expansion of school facilities, managing finances and overseeing alumni and student functions; these are just some of the instances where their abilities have shown throughout this year. Overall there is a willingness to be accessible, helpful, and dedicated that really stands out.



Irene Osburn
Information Services



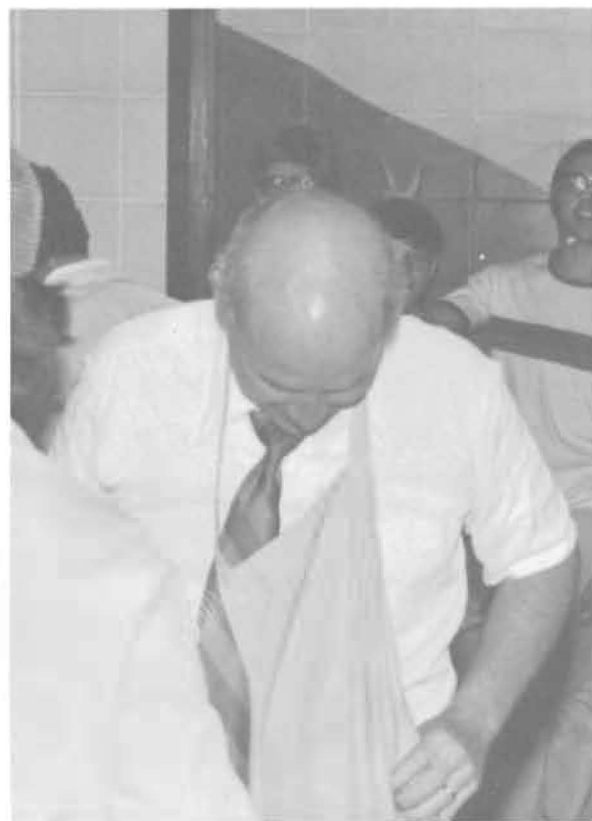
Ron Reeves
V.P. for Development



Jim Schwartz
Dir. of Alumni Affairs



Counterclockwise from left: Mary Kay Matson seems to be checking for varmints on the floor, Ron Reeves and spatula pause at the midnight breakfast, "Hey, lady, don't you know you can tune a piano but you can't tune a fish?", and Sam Hulbert displays a shining ability as head of our Institute.



Bill Sisson
Dir. of Placement



Donna Snedeker
Sec. for Development



Anna Mary Turner
Alumni Office



Gene Zwerner
Dir. of Deferred Giving

Student Affairs



Dr. Jess Lucas
Dean of Student Affairs



Peter Gustafson
Asst. Dean of Student Life



Barbara Butts
Financial Aid



Mary Edwards
Student Affairs



Kathy Gambill
Student Affairs



Karen Rodgers
Student Affairs

There's always a helpful hand to be found in the S.A. office, even at lunchtime. Below; "Even us snowbunnies want to get into Rose-Hulman."



Duncan Murdoch
Dean of Admissions



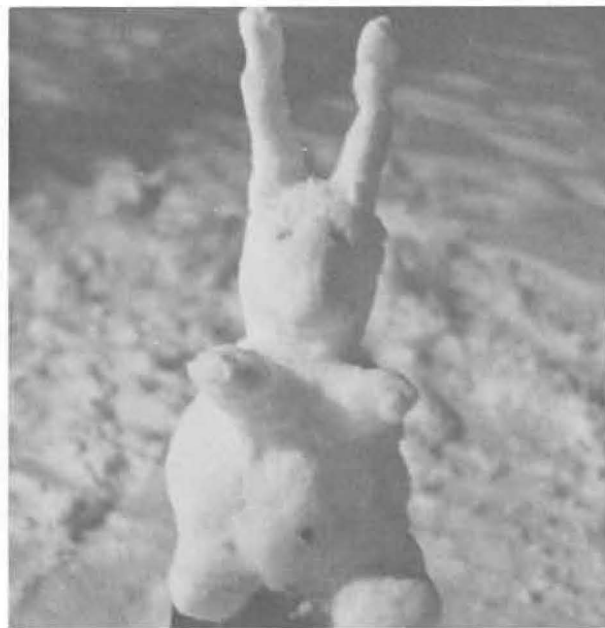
Linda Gainor
Admissions sec.



Chuck Howard
Dir. of Admissions



Joe Miller
Admissions



Admissions



Donna Gustafson
Union Director



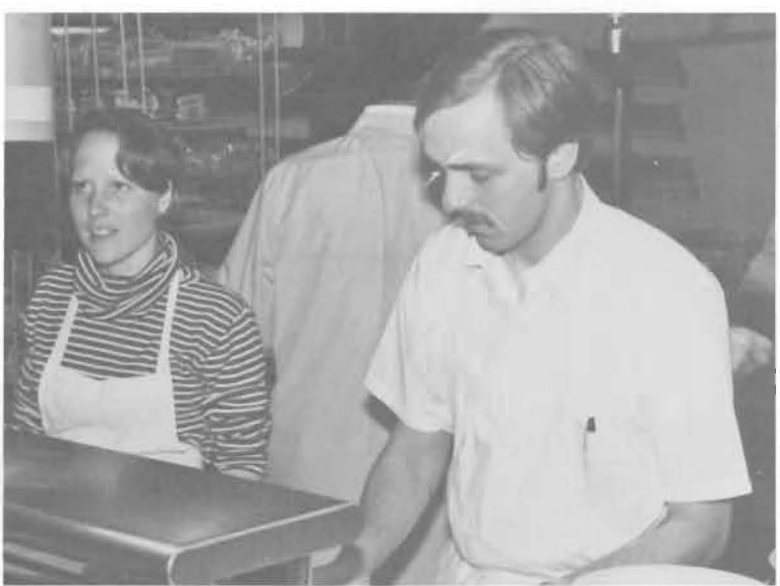
Irene Mitchell
Hulman Union



Margaret Gillaspay
Bookstore Manager



Brenda Miller
Bookstore



Rose's John A. Logan Library is run by Herman Cole, Jr. and assistants Margaret Ying and Sondra Nelson.



Paul Phillips
Supt. of Buildings and
Grounds



Betty Phillips
Buildings and Grounds



Along with Dr. Clyde Jett, Nurse Ella Louise Haymaker takes care of the students' health needs.

Business Office



Robert Willets
V.P. for Financial
Affairs



Mary Collier
PBX Operator



Lorene Covey
Business Office



Betty Evinger and Ron Reeves
cook up some tasty scrambled eggs,
while, below, Professor Schmidt
departs with some still warm copies
in hand.



Betty Evinger
Office Services
Manager



Frances Fletcher
Chief Accountant



Jeanette Ford
Personnel Clerk



Margaret Leusing
Cashier



Stephen Miller
Comptroller



Lindsay Reed
Dir. of Inst. Research



Corrinne Bacey
Admin. Programmer

Athletics



Coach John Mutchner
Basketball, Athletic Dir.



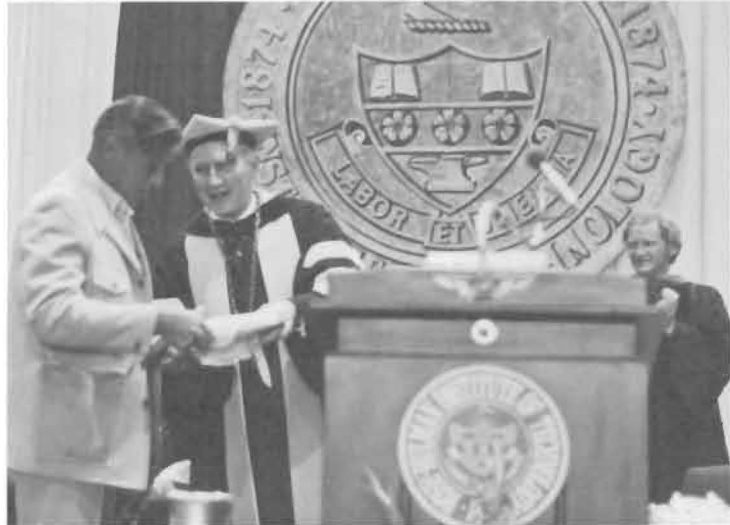
Dan McGrath
Wrestling



Jim Rendel
I.M., X-Country,
Baseball



Linda Flo Sears
Secretary



Above, Til Panaranto receives the President's Service Award during the commencement ceremony. Coach Jim Rendel offers some words of encouragement to the baseball team, and Bob Thompson relaxes in his office.



The football team was ably coached by (front row) Til Panaranto, trainer, Joe Touchton, defense coordinator, (also Tennis coach) Hal McGaughey, assistant coach (back row) Al Devore, administrative coach, Bob Thompson, offense, (also track), and Dick Comer, offensive line.

Staff

Spread out over its 130 wooded acres, Rose-Hulman has a sizable physical plant. Moench Hall, formerly the main building, and Crapo Hall house the classroom sessions and labs. The library building provides a home for the school's reference materials, CTAPS, and a few stray lectures. Templeton shelters the administrative portion of the institute, and the Union takes care of the food service and the social events of the school. There is Shook fieldhouse where everyone has the opportunity to stay in shape. Other buildings are the observatory, Maintenance's facilities and several special purpose lab sites. Finally there are the residence halls, each one with a personality of its own.

In charge of taking care of all this and seeing that everything stays in operating condition are the employees of Buildings and Grounds, under Paul Phillips, and the housekeeping staff, under the direction of Donna Gustafson. Year round they can be seen all over campus keeping the school in good shape despite the wear and tear of go-carts, chem labs, water fights and all the other nonsense that seems to be going on at an engineering school.

Campus property is safeguarded by the security team of Charlie Holbert, Mel Hunter, and Tom Swanson.



The members of the Buildings and Grounds crew are, from left to right: first row, Ben Walters, Fred Smith, John Watkins, Cecil Fennell, Dave Roy, Vern

Christy, Tom Thompson, Ross Arnold; second row, Bob Kirby, Jack Whittington, Bob Rae, Walter Brashear, and Warren Targett.



Left to right: Kathleen Barnhart, Velva Cutsinger, Jimmy Woods, Oscar Purcell, and Walter Kyle. At right, Bill Hayden pauses momentarily for the photographer. The housekeeping staff consists of Pauline LeMay, Srilda

DeMouglin, Ann Corenflos, Ruth Fell, Dorothy Targett, Evelyn Muston, Ron Swift, Elsie Dupin, Jerry Dupin, Mary Ann Fell, Tom Merrick, Joann Reisinger, and Gerald Simpson. Not pictured is Ray Ross.

Saga Foods



Front row: Mary Jenkins, Janice Brinkman, RaeAnn Ross, Beulah McCabe, Dorothea Palmer, Donna Russell. Back row: Shirley Brown, Sharon McKinney, Beth Smith, Jeanne Nugent, Anita Gower, Cheryl Burroughs, Gloria Vandeventer, Louis Ross, Helen Kassis, Pat Tryon, Lucia Alu, and Grace Fell

Any serious observer of wildlife would be surprised to find right here on the Rose campus two landmarks with greater attraction than even the African water hole. One of these, of course, is the mailbox corridor, where students eagerly check every day for letters and packages from home. The second place is the Hulman Union building, where over half the school's enrollment head two or three times a day to find meals that are promised to be a reasonable facsimile of Mom's home cooking. Faculty members, commuting students, and guests of the institute also regularly eat the tasty and substantial meals provided by Saga. For those who want to eat more casual food in a more relaxed atmosphere, there is the WORX, this year's plusher, more comfortable renovated version of the old snackbar. In addition, the Saga employees and Jim McKillips, the food director, team up to provide fancier meals at Christmas, for the alumni at

homecoming, and for the guests at special functions in the Union.

After the results of a competitive bid for next year's food service filtered out in the spring, it became apparent that this was going to be Saga's last year at Rose. After fourteen years of Nellie and Fern, Saga jello, and the Saga girls, the Rose community will no longer be eating Saga. Director Jim McKillips expressed a hope that throughout the coming years, the new food service will continue to meet the standards the students have come to expect, including the variety to be found in the salad, ice cream and bread selections. He added that students should make an effort to keep the newly formed food committee productive as a means of communication and a place to cultivate innovations in the meal system.



Standing: Mary Cole, Berneice DeWitt, Brandy Budd, Fern Jayne, Debbie Tanner, Sheri Pigg, Jim McKillips, Kathy McCullough, Todd Simonson, Glenda Murphy, Jeff Brinkman, Jill McCullough, Mike

Brinkman. Kneeling: Gordon Bryan, Brad Richardson, Jim Burroughs, and Doug Fisher.

CLASSES



Senior Class

The Class of 1978



CLASS OFFICERS: Pres.-Roger Edelbrock, V. Pres.-Andy Klotz, Sec. Tres.-Dennis Funk

As the 100th graduating class of Rose-Hulman, we have something to be proud of. We have received four years of education at one of the finest engineering schools in the country. With this education we will be able to go out into the world and compete with any engineer. Does this sound familiar? It should, as it was one of the main points made by the Admissions Office that brought us to Rose. As freshmen, graduation was our eventual goal, but we were unaware of the trials and tribulations ahead.

As we look back on our four years of college, we can recall every obstacle which gave us some moment of doubt as to whether we would graduate in 1978. Our first two years at Rose traveled swiftly by. They were truly the years of learning both about ourselves and about the world around us. Then, as juniors, we began

to see the light at the end of the tunnel. One could sense a feeling of respect from the professors.

Senior year was a very different sort of year. Some of us remember going over to the Administration Building at 4:00 AM and waiting four hours to sign up for a company interview (Whereas we could have gotten there at 7:45). Of course, no one will forget the "plant" trips. Where else could we spend money and get reimbursed for it later. After all of this, we decided on a job and tackled the Spring quarter. This was a tough quarter; on the average, most seniors carried 12 to 14 hours and the hardest question was whether we wanted to go to The Ballyhoo, Simrell's, or the Shady Lady four out of five weeknites.

Roger Edelbrock



Kurt Ahlersmeyer



Tony Allen



Edward Altman



John Andersen



Rod Arney



David Atkinson



David Ayars



Dave Badger



Leo Bakel



The Freshmen Bon-Fire——Bringing people together



Mike Barker



John Barry



Larry Beal



Fred Becker



Gary Beil



Kris Beutel



Mike Biggs



Richard Biro



Will Bishop



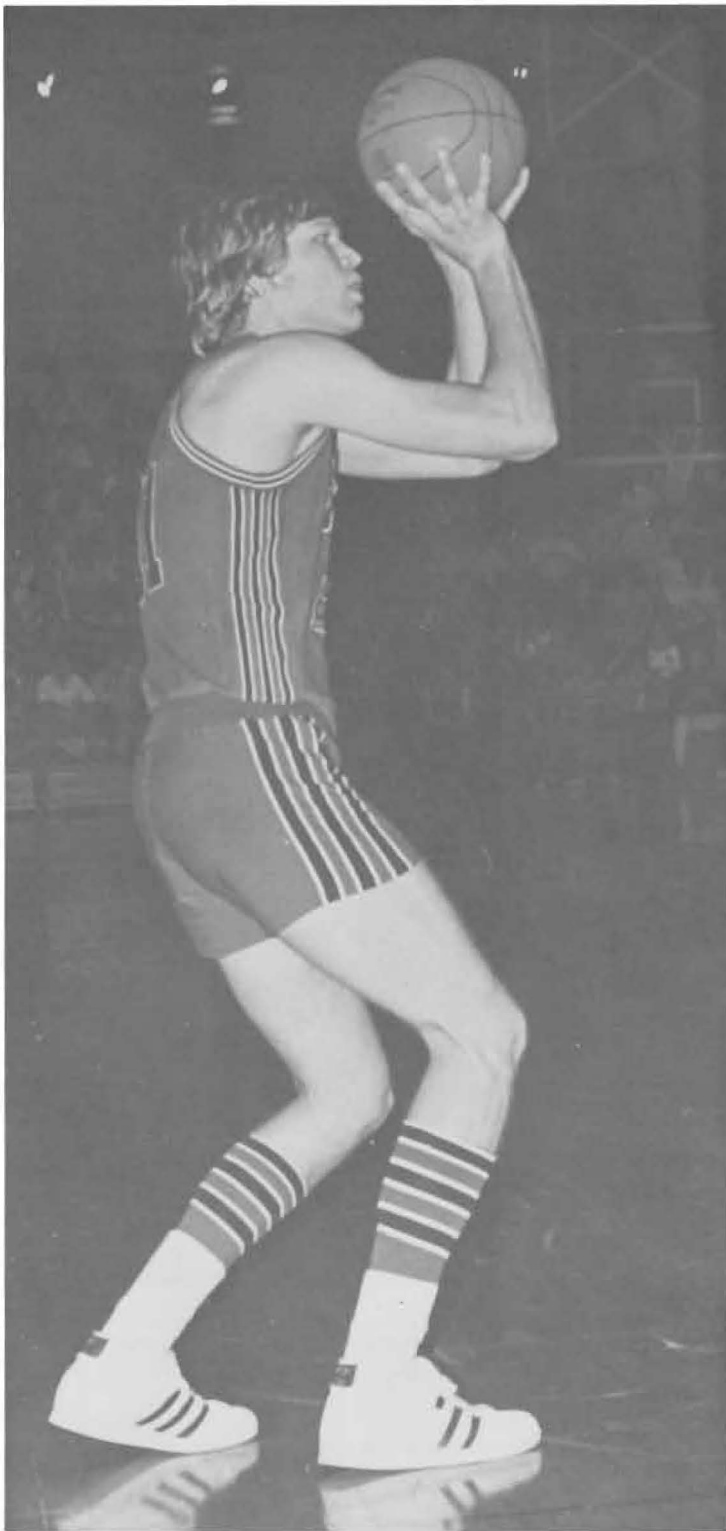
Warren Boeker



Chris Bolte



Charles Borsos



Dave shows his form. D. Sutherland



Scott Bottorf



Rodney Bowen



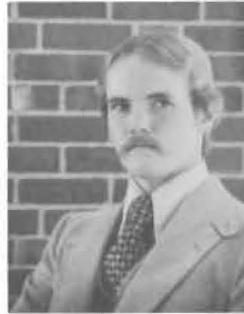
Fredrick Boyd



Kevin Brewer



Mike Brinker



Gary Bruegge



Tim Brunner



Eric Bruno



Dennis Cahill



John Calhoun



Barry Carlin



Gerald Carroll



Steve Carrow



Steve Cate



Mike Church



John Clem



Wayne Collier



Michael Conover



Jim Cornwell



Bob Cultice



Gerry Dail



Rick Dart



Doug Davis



Gary Davis



Mark Day



Bruce Deeds



Mike Denault



David Deppe



Al Devore



Joe Doner



Jerry Dorsett



Rick Dorsey



Jerry Douglas



Dale Doup



Donn Douthitt



Charles Dryer



Gary Eck



Roger Edelbrock



Nathan Edwards



Ron Elenbaas



Gary Ellis



George Ernest



Robert Evans



Ken Ferry



Jeff Finley



James Flesch



Dale Foltz



Bruce Forthun



Clark Fortune



Bill Fox



Karl Fox



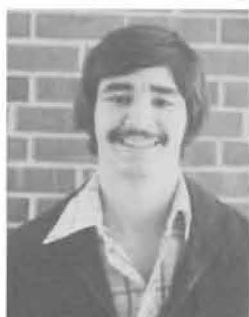
Steve Franks



Robert Fransham



Jim Freudenberg



Richard Frisz



Dennis Funk



Merle Funkhouser



Guy Gadomski



John Gardner



Lawrence Gavin



Mark Geiger



Tom Gerchak



Danny Gilstrap



Pete Goodmann



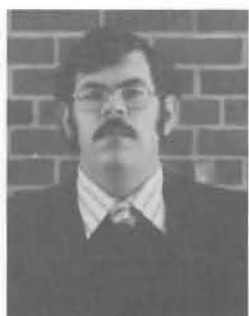
Robert Gorgol



Mark Green



William Greene



Bob Gustafson



Ronald Haas



Steve Hanson



Greg Harris



Paul Hayes



Dennis Heavin



Chris Hebb



Greg Heine



Robin Hershner



Don Hoffman



Mark Hopewell



Greg Hopper



Ronald Howell



Mike Huff



Charles Huffman



Parke Huntington



John Hurst



Jack Hutson



Shane Hutton



Steve Isbell



Joe Jackson



Eric Jansen



Tim Jeanes



Even Andy can touch his nose! A. Klotz



Dave Johnson



Tod Johnson



Louis Jones



Jeff Justus



Wendell Keith



William Kinder



Keith Kinman



Andy Klotz



Kim Knollenberg



John Kovich



Dale Kuehl



William Kuenning



Mark Leavitt



Steven Leonard



Bob Lyon



Michael Markowski



Jeffrey Martin



Keith Martin



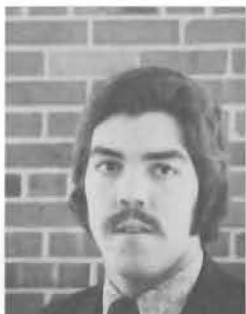
Steven Martin



Robert McAdams



Robin McClain



David McDonnel



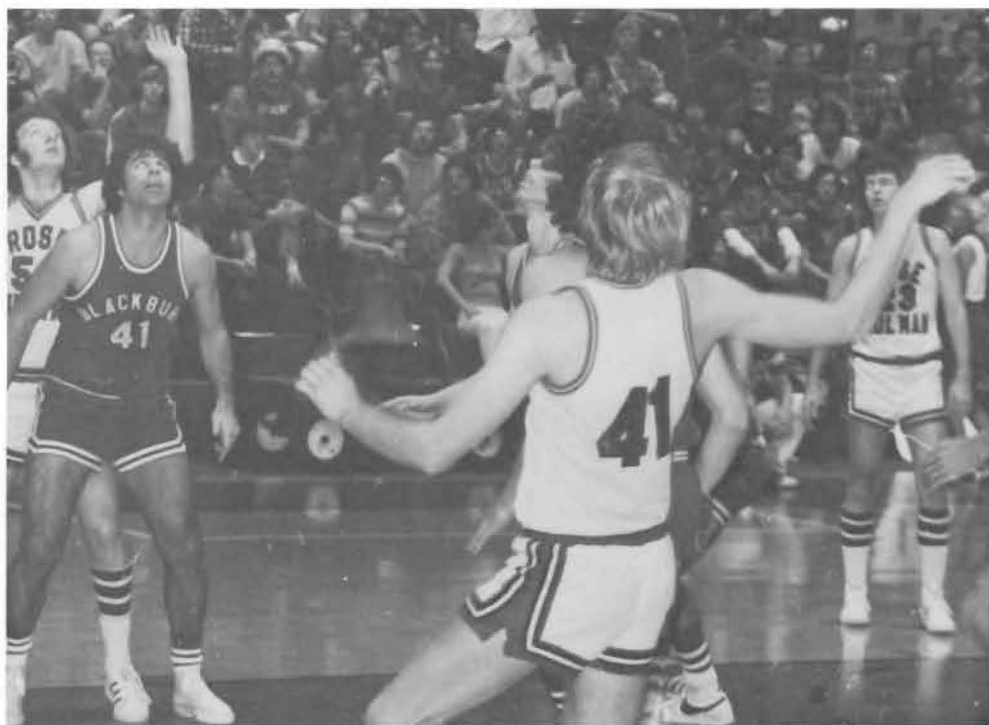
Kirk McGowan



Mike Merrick



Greg Migaki



HEY!! The ceiling *is* leaking.



David Miller



Patrick Miller



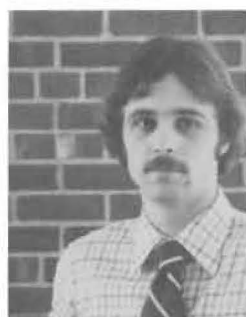
Tom Miller



Kirk Milling



Philip Monhaut



David Montgomery



Roy Moore



William Moorhead



Barry Motycka



Joe Myers



Martin Neuliep



Bill Newkirk



James Nordmeyer



David Ohnesorge



Norman Owens



Jeff Paitson



Randy Parrish



Michael Pelham



Dave Perrings



David Perry



Randall Pfluger



Randy Phegley



James Phillips



Bill Potter



Mike Privette



Tim Pruitt



Peter Rasmussen



Paul Redden



Mike Richey



Gary Roberts



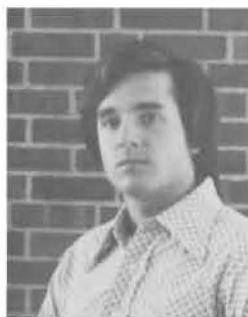
Arwin Roe



Kevin Rollings



Don Rosenbarger



Steven Rowe



John Sadowsky



Mike Schneider



James Schoonover



Pat Searle



Robert Shipp



Jonathan Shoemaker



Tim Siktberg



Gerald Smith



Jeff Smith



Michael Smith



Peter Smith



Bill Spangler



Darrell Sparks



Darrell Staggs



Ron Staroscak



Brad Stearley



Dale Stein



Scott Stephens



Jay Stewart



Mike Stieff



Rex Stocklin



Alan Stoner



Robert Strickland



David Sutherland



John Teskey



Kurt Thiel



Tim Tipton



Mark Trout



Herman Turner



The Winter Weather Forecast? Snow and more Snow!!



Michael Ullrich



David Ulrich



Dennis VandenBrink



Chris VanDenburgh



Raymond Vincel



Dennis Wagoner



Terry Walsh



Scott Warner



Dennis Watson



John Weust



William Whikehart



David Whiteley



Ronald Wier



Matt Wiesenberg



Steve Williamson



Randy Wingerter



Ron Wolenty



Ken Woodworth



Lonnie Yeager

Junior Class

The Class of 1979



CLASS OFFICERS: Pres.-Nick Willing, V. Pres.-Paul Bischoff, Sec. Tres.-Henry Werling

The Rose-Hulman class of 1979 is a special conglomerate of men brought together by a shared interest to study engineering and the sciences. As freshmen, Rose provided the challenge that was able to satisfy even the most studious person. Resulting from the struggle during our freshman year, a sense of esprit-de-corps began to develop between the members of our class. As Rose students, we know we are special in our own rights and that our education is the best available.

Returning as sophomores, a bit of cockiness was present in each of us. We had met and beat the "Rose test" our first year. It was now our turn to laugh at the incoming fools (as we all were) being shocked into the reality of Rose. During our sophomore year we began to feel like established college men. We were bound and

determined to succeed at Rose with each progressive step providing an elevating leap toward our dreams.

We are now juniors . . . past the mid-way point of our education at Rose. As juniors, we conduct our actions with dignity. It is the Junior class who continues the customs and traditions of Rose and acts as the executive body in many Rose organizations. We have gained experience from our past efforts and we are willing to put forth the energy that is needed to continue the molding of our future. We are the class of 1979 . . . we are strong . . . we are intelligent . . . we are determined.

. . . We Are . . . !

Nicholas J. Willing



J. Agee
Bruce Anderson
Vincent Anderson
Michael Argo



Buddy Atherton
Robert Baker
David Bakken
Brian Barbieur



Bill Beard
Paul Bischoff
Timothy
Blankenbecker
Tab Boaz



James Boerger
George Bowman
Jim Bradley
Matt Branam



David Bridge
Steven Brockman
Don Brown
Ken Burch



Roger Burger
John Burkey
Tom Burtzlaff
Robert Burwell



Randy Butcher
Rick Cahill
Shawn Cahill
Joe Caltagirone



Dale Campau
Steve Campbell
Michael Chapman
Randy Clinard



Eric Clouse
Mike Clouser
Dave Coker
John Collins



Tim Collins
Art Compton
Brad Cook
Mike Coulup



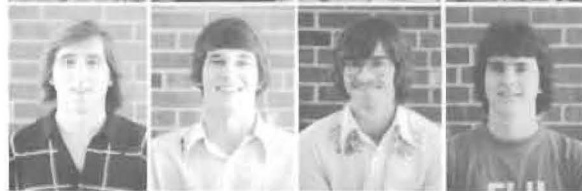
James Craig
Randy Craig
Greg Crowe
Steve Darbin



Academics—What it's really all about. T. Jackson, Dean Bruley



Kyle Davis
Mark Denzin
Hank Doherty
Randy Erwin



Hassan Farid
Michael Farrell
John Farris
Tom Fields



Mark Fleck
Bill Fogel
Paul Fox
Willard Frizzel



Gary Gadomski
Steve Gillman
Rob Graebe
Bob Grannon



Dennis Grannan
Tim Greer
John Guyer
Paul Hahn



Thomas Hale
Joe Hance
Todd Hand
Roger Hatcher



Joe Hattrup
Dennis Heath
John Hempe
Greg Henson

Richard Hess
Jeff Hildebrand
Daily Hill
Joe Hinnefeld



David Hokey
Greg Holler
Brent Houston
Bill Hubbs



Robert Humphrey
Sam Hunter
Peter Hulton
Tim Jackson



Mike Jacobs
Gerry Johnson
Bill Kepner
Thomas Kiraly



Bruce Kistler
Steven Kontney
Jeff Kramer
Mike Krieg



Marty Krongold
Ken Krupa
Russ Kunz
Doug Kuper



Dennis Lambrecht
Mel Larson
Dennis
Lingenfelter
Dennis Lithgow



Richard Luedmann
Kevin Luksus
Dan Lyttle
Edward Malone



James Mann
Marty Mason
Steve Mason
Eric Matovich



Dean May
Tony Mazzoni
Jeff McCreary
Stuart McDonald



Robert McGovern
Mike McPherron
David Medcalf
Scott Meier



Sparky Merk
William Messer
Joe Miketo
Bill Miller



Bruce Miller
Doug Miller
Ron Miller
Bruce Montgomery



Randy Mosele
Dale Newby
Rodney Norder
Ed O'Neill



Buddy bows to his superiors. B. Atherton

Jim Obergfell
Joe Oblon
Rich Oljace
Greg Opiola



Anil Patel
Jeff Pauls
Jim Payonk
Terry Peak



Mike Peters
Michael Peterson
Dan Phebus
Brad Phillips



Larry Pickrell
Rick Priem
Hoa Quach
Dave Raaf





Ules Ransford
John Rasp
Dan Reed
Dave Rice



Greg Rieker
Mike Ringwald
Mark Ripple
Dan Risner



Andrew Roach
Bill Rush
Randy Russell
Scott Sanders



Greg Schmitt
Chris Schnurpel
Paul Sechrist
Marty Seffrin



Dewayne
Sermersheim
Alfredo Serra
Mark Shirley
John Sidenstick



Michael Simmons
Mike Skinner
Jan Slupesky
Greg Smith



Greg Smith
Mike Smith
Rob Smith
John Solar



Dave Spear
Mike Spolrich
Earl Stalter
Bill Starr



Doug Stearley
Wayne Steinberg
Donald Stratton
Hugh Sutherland



Bill Swindler
Steve Szpunar
Talal Al-Maiman
Dave Tappendorf



Greg Tarvin
Edmond Taylor
David Terkosky
Robert Thiel



Steve Thompson
Jim Tipton
Tim Tromley
Charles
Urbanowich



Randy Vaal
Michael Warne
Mark Weber
Robett Weil



Jeff Wells
Henry Werling
John West
Roger Wheeler



Jeff Wigand
Nick Willing
Tom Wilttrout
Hugh Winslow



Bill Winslow
Richard Wolfe
Robert Wooden
Rick Wrye



Jim Yinger



Bruce with his date for the evening. B. Miller

Sophomore Class

The Class of 1980



CLASS OFFICERS: V. Pres.-Chuck Sigman, Sec. Tres.-Todd Royer

When the sophomore class returned to school in the fall, it was somewhat different than it had been the year before. Slightly smaller in size, it remained a diverse class within itself, and had its own special personalities. But most were now well adjusted to the rigors of life at Rose and had settled already into the circle of friends with whom they would spend the rest of their college experience.

The majority of the class now lived in upper-classmen dormitories, which provided a quieter, more orderly atmosphere than the freshman dorms. For those who had gone Greek, life in a fraternity took on a new meaning as they lived in their respective houses for the first time. Another segment of sophomores moved into town to live in rented apartments or houses. These

students took a big step toward assuming the responsibilities of life on their own.

The academic life was changed, as classes became harder and more specialized; many became involved in clubs and organizations. Some were varsity athletes, and even more participated in intramurals. The social life was, more or less, what one wanted it to be, and many sophomores spent a great deal of time at ISU or the Woods.

The class as a whole continued to mature through the year as it strove toward graduation. However, two years remained ahead, and many events were yet to happen.

Chuck Sigman



Randy Ames
Phil Amick
Ron Anderson
Steve Anderson



William Arnold
David Ashwell
Bill Atterbury
Jeff Ausman



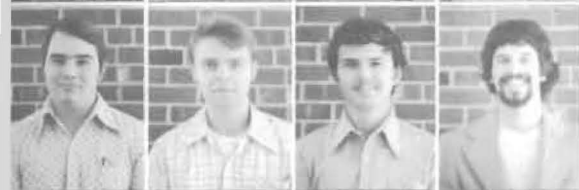
Bob Bagby
Scott Bagwell
Kevin Barrer
Alan Bell



Bennett Black
Mark Bland
Chris Bodenhorn
Jim Boehmler



Greg Bollen
Dan Bowers
Tom Boyle
Darl Boysel



Mark Brockman
Chris Brooks
Phillip Brown
Tom Bruns



Dan Buckley
Mike Burrington
Cole Buttry
Denny Byram



Phil Cagle
Bruce Campbell
Tim Cambell
Bob Carlson



Joseph Carr
Fred Cartwright
Dave Caudill
Dave Challis



Brian Chattin
Chris Chulumovich
Bill Cooper
Tim Coverstone



Richard Cunningham
Paul Curtin
Jeff Danner
Eric Dansker



Rub-a-dub-dub, two men in a tub?? D. Schmidt, T. Klassen



Kendall Davenport
Jeff Davis
David Dinwiddie
Dwight Dively



Mike Doerr
Mike Dolan
Alan Dorfmeier
Curt Dunlap



Keith Dunlap
Jeff Dunn
Lee Dunn
Gary Durack



Brad Durcholz
Roe East
Jon Edmondson
Chuck Edwards



Rodney Ellermann
Doug Engelhardt
Bill Evans
Bill Fanning



Jon Febus
Dave Finley
Jerry Fish
Frank Flak



John Foley
Frank Fort
Vincent Foushee
Eric Fox

Stan Fraley
Doug Franckowski
Mark Fredrick
Robert Froetscher



Ted Fultz
Meredith Gafford
Joe Gaines
Robert Gann



Terry Gatewood
Andy Gavrilos
Jay Gehring
Greg Gemmer



Jeff Gilton
Mark Givan
Bruce Glaser
Joseph Glazier



Frank Golden
Stu Gosch
Kevin Greene
Steve Griffith



Tim Guetersloh
Tom Gustus
Dan Haas
Tom Hackney



Jim Hagerman
Chris Hahn
Pete Haines
Rick Harris



Matt Harter
Dan Harvey
Dan Hatten
Paul Heit



Gregory Hemmer
Ton Henman
William Hentzen
Frank Hettlinger



Richard Hill
Dave Hinman
Eric Hoierman
Dave Hollinden



Scott Hueber
Blair Hughes
Dave Hummel
James Huston



Chris Isbell
David Jackel
Dave James
Kevin Jewell



Dale Johnson
Kevin Johnson
Mike Johnson
Damon Jones



Don Jones
Gene Jones
Rex Joyner
Bob Kaminsky



Mark Kaufman
Kirt Keesling
Tom Klassen
Mike Knoble



Steve Kochert
Jeff Koechling
Bill Krause
William Krehely



Rick Kurzdorfer
Ken Lamont
Mark Langbehn
Craig Lathrop



Tom Lathrop
Tim Lawson
Chuck Leddon
Greg Leibel



The weekend pastime.



Nick Leindecker
Bob Leipold
Bob Leitgabel
David Lengemann



John Lewis
Leslie Light
Chris Lindhjem
Mike Litz



Steve Long
Wayne Long
Robert Lowe
Bill Lowry



Richard Lucas
Corey Luke
Bob Luoma
Kevin Marshall



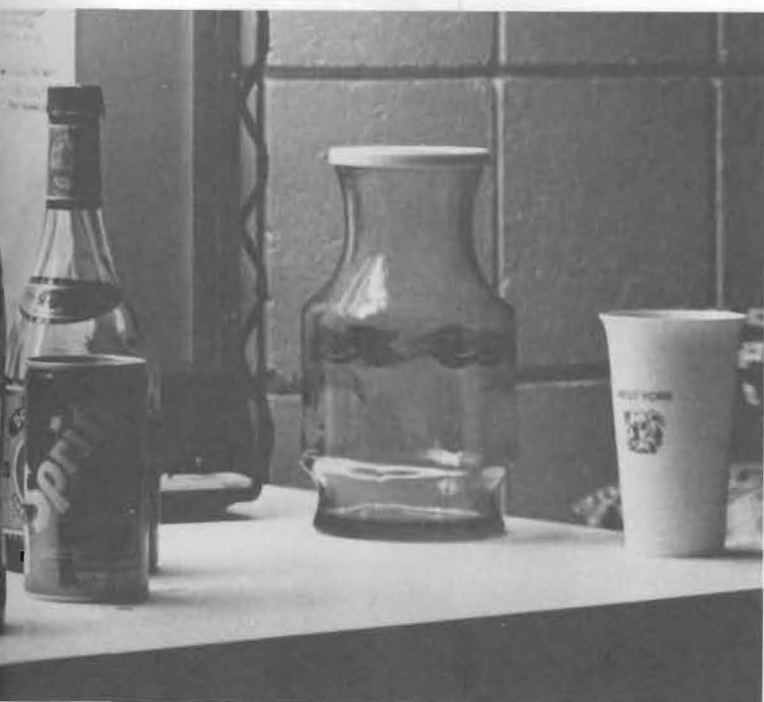
Dave Mayfield
Gary Meier
Kevin Mericle
John Miller



Pat Milligan
Steve Mitchell
Kent Moraga
Dave Morris



Rich Morris
Greg Muncie
Kevin Murfitt
Bill Murray



Greg Myers
Mark Nagy
Andy Nelson
Jim Newlin



Dinh Ngo
Chuck Nichols
Brad Nickum
Tom Olinger



Robert Orr
Al Padovan
David Palatchi
Dale Parker



Dave Parker
Jeff Patrick
Keith Patton
Bob Pease



George Pelton
Dennis Pepper
Jon Perry
Roy Pesch



Jim Pettyjohn
Kurt Pfanstiel
Rick Pflugshaupt
Bryan Phillips



David Potter
Walter Power
Lynn Pruitt
Brian Raver



Paul Ray
Russell Read
Bob Reiman
Mark Richards



Don Ringwald
Frank Rizzo
Rich Robbins
Tom Roetker



Doug Ross
Todd Royer
Paul Rupprecht
Mark Scheibelhut



Andy Scheidler
Bill Scherer
Bruce Schings
Duane Schmidt

Ben Schoffmann
Merle Schrader
Marty Schramm
John Seal



David Sears
Randy Shinkle
Steve Shirar
Bob Shoemaker



Scott Schultz
Chuck Sigman
Charles Simmons
Hunter Sims



James Skinner
Frank Smidler
Dave Smith
Larry Smith



Bill Thibault
Dave Thoman
Kevin Thompson
Mack Thompson



David Timberman
Rick Traversy
Pat Trippel
Michael Tucker



Ma Hai Tvong
Mark Tyrell
Don Umpleby
John Unruh



Chuck Venis
Steve Vestal
Eric Viscito
John Vogel



Robert Walker
Paul Wallace
Wayne Walters
Steve Warden



Dale Wellman
Brian West
Tony Wheeler
Steve Whitman



Jack Wickham
Bruce Wight
Wyman Williams
John Wilsford



Steve Wilson
Steve Wirtz
Rich Wolf
Darrell Wooton



Chuck expresses himself. C. Venis

Ralph Smith
Gregory Snelling
George Sparrow
Eric Spletzer



Jim Squire
Mike Stewart
Scott Strebe
Steve Stroder



Rich Stuber
Scott Takamoto
Carr Taliaferro
Mike Tallman



Stan Woszczynski
Wes Wright
Don Wyatt
Paul Yeager



Derk Young
Ronald Young
Robert Zahn
Chris Zanetis



Greg Zimmerman



Freshman Class



CLASS OFFICERS: Pres.-Chuck Pierce, V.Pres.-Kevin McPoland, Sec. Tres.-Scott Schuster

Many thoughts were going through our heads as we pulled into the campus of Rose-Hulman Institute of Technology. One very prominent thought was that we had been seniors, the "big shots", the leaders. But then, once again we became what some considered the "lowly freshman". As the weeks unfolded, we began to reap many honors and receive superior recognition. These advancements made us realize that once again . . . we were leaders.

Our first impressions of Rose were those of anguish, due to the difficulty of the curriculum and the demands being made of us. Being of the character we

are, we accepted this as a challenge and began to motivate ourselves until we conquered our enemy. This gave us a great sense of accomplishment.

In 1976, high school seniors boasted of graduating in our bicentennial year. As seniors in 1977, we graduated in a year which was to be the start of the third century of the United States. Through our years at Rose-Hulman and after, we will take this sense of being first and utilize it to better ourselves and become the leaders of tomorrow.

Chuck Pierce



Terry Aff
Bobby Allen
Joseph Allgren
Richard Altemeyer

David Anderson
Kevin Anderson
Richard Anderson
Douglas Bailey

Daniel Baker
Dennis Baker
Ronald Baker
Brian Balu



James Baske
Thomas Basso
Mark Bates
David Batta

David Bauer
Bryan Beasor
Robert Behringer
Graden Betz

Art Bitts
Michael Bixler
Thomas Black
Dale
Bohnenkemper

John Bolin
Joseph Bonda
David Boodt
Joseph Boruch

Brian Bounds
Kevin Bowen
Bruce Bowman
Ronald Boyland

David Bozell
John Brabender
Randal Braker
Bob Brandel

Alfred Brignull
Mike Briske
Ronald Brunck
Kristopher
Buchanan

Bradley Burton
Daniel Busler
John Butwin
Jeffrey Byard

Thomas Byrne
Michael Call
Chris Carlson
Thomas Carlson

Forrest Cates
Mike Chaney
William Chappell
Michael Cockrum

Brian Coffenberry
Mark Collins
Robert Congdon
Stanley Cooper

Thomas Cornell
David Cox
Scott Cragin
Gerald Czarnecki

Ronald Dale
Timothy Daniel
Daniel Day
David Didomizio

David Doti
Thomas Douglas
Timothy Drabik
Douglas Dunn



Rose's traveling minstrel, R. Folse

John Dunn
Thomas Durham
James Durr
Jeff Dycus

Robert Dzierzak
Steven Edwards
Daryl Eggers
Tony Elrod

Steven Engle
James Enloe
David Enrico
David Epler

Larr Etzler
Paul Fahlsing
Joseph Farrell
Daniel Ferrell

Gary Finchum
Lee Fischer
Alan Fiscus
Clifford Fitterer





Joseph Flanagan
Michael Flanagan
Brice
Fleckenstein
Rex Fodrea



Robert Folse
David Forbes
Brian Fowler
Mark Francis



Norman Frey
Ronald Froman
Lee Gearig
Steve Getz



Kevin Giles
Thomas Gilman
Albert Gilmore
John Glick



David Glosecki
Lee Goddard
Bill Granger
Charles Grant



Michael Graves
Chris Greenwood
Jamie Gregory
Jeffrey Groh



Ernest Grube
John Grunewald
James Gryga
Paul Gunn



Robert Guntle
Mark Hackney
Robert Hahn
David Hannum



Brent Harris
Mark Harris
Donald Heath
Thomas Heckel



Daniel Heidelberge
Michael Hiese
Rodney Hemmer
Leonard Henneman



Michael Hickman
Kenneth Hilk
Steven Hill
Jeffrey Hippler



Charles Hite
Andrew Hoffman
Robert Hogan
David Hoggatt



Bob Homeier
William Horton
Keith Horda
Thomas Hudson



Larry Hull
Mark Hunter
Michael Hurt
Carl Ijames



Jerry Ingle
Peter Jacob
Craig James
Stephen Jenison



Allen Johnson
Jim Johnson
David Jones
Michael Jones



You men look like good Army material. Maj. Mundt

Timothy Jones
Timothy Juntunen
Eric Kahre
Galen Kannarr



Peter Kehoe
Robert Kemp
Stephen Kersch
Keith Kimmerle

Bryan Levan
David Lewis
Randy Lewis
Mark Lindemann



Scott Lindner
Bruce Long
William Lonnberg
David Lytle



John Marshall
Michael Martin
David Martindale
Mark Mason



Timothy Matheny
Larry Mauer
Mark May
John McClain



Ron McClintic
Richard
McCrocklin
Mark McCullough
Michael
McCullough



Kenny McDonald
Arthur McGrew
Fred McGurk
Scott McLaughlin



Michael McLear
Kevin McPoland
David Mead
Kevin Meersman



Karl Menke
Curtis Miles
Michael Miller
Rodney Miller



Jay King
Ronald Knecht
Rick Knight
Rick Koehler



Bill Krasson
Michael Krieber
Timothy
Krueckeberg
Scott Lachmund



Michael LaPosa
Francis Lejeune
Peter Lemke
Robert Kenich



Ronald Mobley
Lance Molenda
John Moore
Nick Moore



Jeffrey Morgan
Michael Morgan
Stephan Morgan
Phillip Murray



Daniel Musson
Bernard Myers
Jeffrey Myers
John Nelson



Kentucky *never* had anything like this! J. Moore



Lee New
Mark Nicholas
Rick Nicholson
Steven Nolan



Jim Novacek
Richard Nyikos
Mark Ogle
Donald Opperman



Scott Orr
Timothy Osowski
Jamie Oxley
Matthew Panuska



Randall Parker
Charles Parkins
David Passmore
John Payne



Greg Peak
Thomas Pendergast
Michael Persinger
John Peterson



Kirk Peterson
John Pfeifer
Charles Pierce
Timothy Plassmeier



Mark Potter
Michael
Rasmussen
Bruce Ray
Samuel Reed



Kevin Rees
Robert Reifenberg
Jim Renfro
Steven Reust



William Roesch
Richard Roll
Douglas Ronan
Jeffrey Routh



Michael Rugg
Brock Rule
Stephan Scheller
Paul Schmidt



Jeffrey Schmucker
Arthur Schultz
John Schuster
Scott Schuster



Robert Scott
Kevin
Sermersheim
George Shaffner
Gary Shake



John Sheckler
Douglas Shull
Alan Siegman
Curt Sisson



Kendell Smith
Samuel Smith
James Sowers
John Sparks



Gee, He's got LEGS! T. Cornell



Richard Spung
Edward Spyhalski
Phillip Squires
Mark Stegemiller



Gary Stephens
Jeffrey Stewart
John Stewart
Eddie Stewart

Steven Stewart
Robert Stewart
Ronald Stilwell
Robert Stith



David Stockrahm
Mark Stoddard
David Strange
Greg Strom



William Sultze
Jay Sunderlin
James Susky
William Sutton



John Swearingen
George Tackett
Kenneth Tague
Randy Tatlock



Mark Taylor
Daniel Teegarden
Tim Thiel
Chris Thomas



Robert Thompson
Wayne Thompson
Robert Tippmann
Ian Todd



Wayne Todd
Russell Treadway
Richard Tryon
Bruce Tucker



Jeffrey Tucker
Roger Tull
Wendel Turley
John Turner



Allen Upshaw
Mike Vanco
Paul Venard
Eric Vetter



Doug Vinson
Mark VonBokern
Mark Walker
Bryan Wallace



Brian Warren
David Wasil
Jack Watrous
Bryan Weber



Brian Webster
Dave Whikehart
Brian Whitaker
Steven Whitaker



Ronald White
Steven Wible
Christopher Wiles
Roy Williams



Bruce Winningham
Tony Winningham
Michael Wolf
Jeff Wolfe



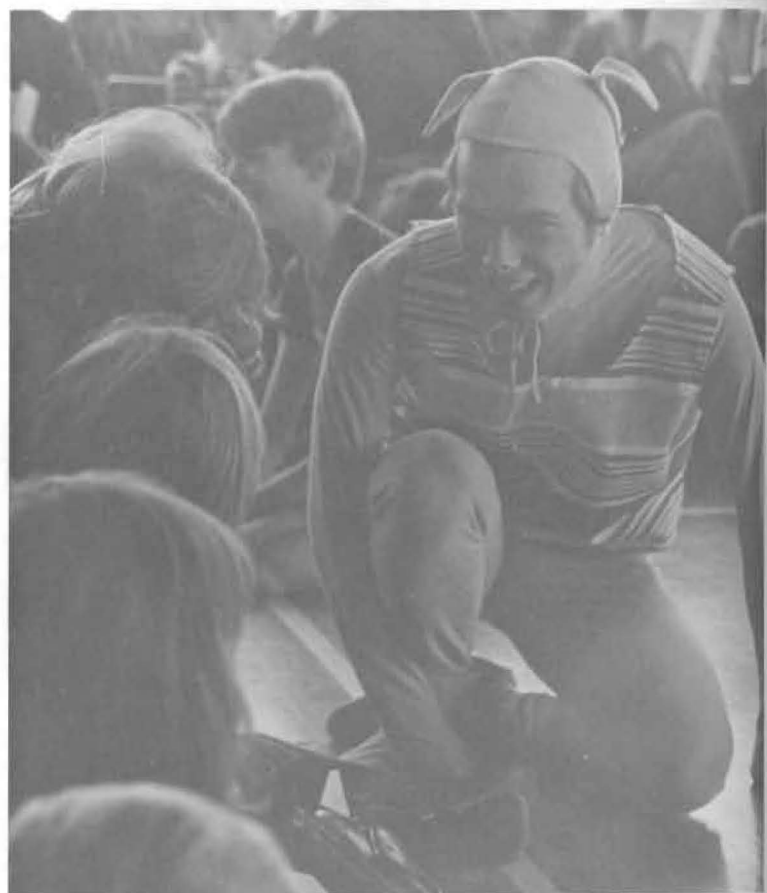
Michael Wolfe
James Wolfley
Brian Woodrow
Clinton Woodward



Steven York
Randall Yost
Donald Klein
Tsela Mazingela



Frank Meyer
Ralph Smith



I'm not just anybody . . . W. Sutton

SPORTS



Rose Breaks Even Under New Coach

Under the direction of new Head Coach Joe Touchton, the Engineers finished 5-5 in 1977, the best season to date for a first-year coach.

After a disappointing start, the team rebounded to win four of their last five games and place second in the College Athletic Conference with a 3-1 conference record.

"I felt that the turning point of the season came after the sobering Homecoming loss, as the team matured," Touchton commented. "We held together very well in spite of our slow start. I think much credit was due to the tremendous job done by our assistant coaches."

The '77 season was marked with some outstanding individual performances. Senior Gary Ellis, the Most Valuable Player, was named first string Kodak Coaches' All-American defensive back. Mike Schneider led the team with nine interceptions, ranking third in that category for Division III. Allen Johnson led all rushers with 781 yards, including 205 against Sewanee. Tim Jeanes set a school career record with 47 field goals as well as establishing a distance mark of 53 yards. Engineers named to the All-Conference team were: Ellis, Johnson, Jeanes, linebacker Scott Wilson, defensive lineman Ed O'Neill, and offensive linemen Jeff Smith and Joe Haniford.

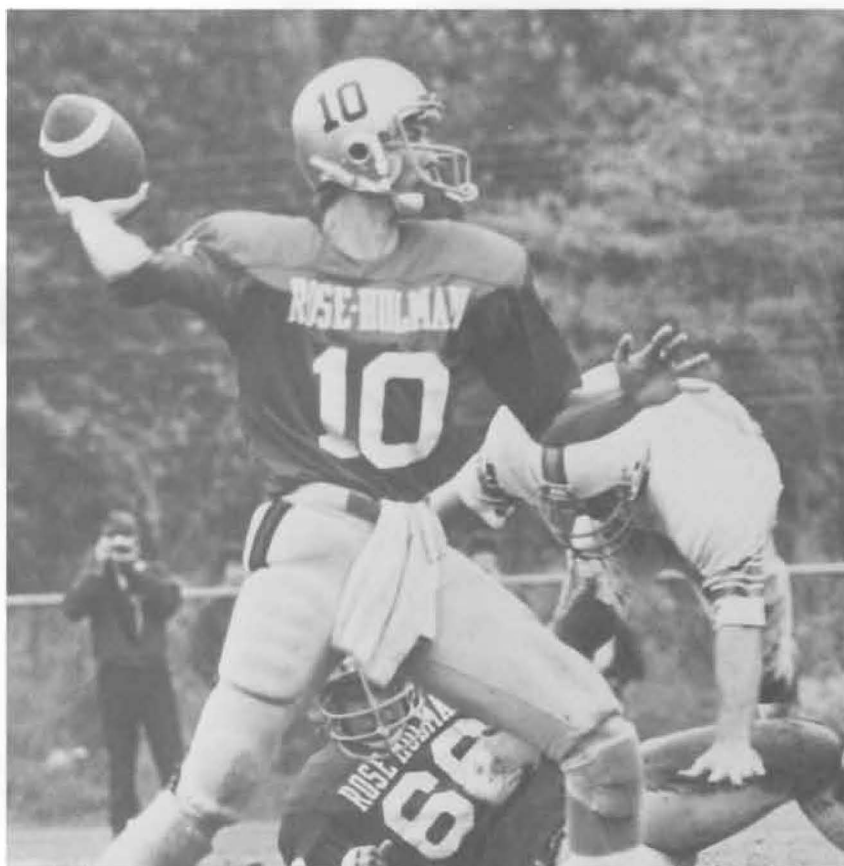
Overall, defense was the strong point of the squad, intercepting 32 passes, which led the NCAA Division III.



Allen Johnson breaks loose outside.



Kurt Pfanstiel drops back behind A.J.'s block.



Pfanstiel goes to the air.



An example of tough defensive secondary play.



Terry Peak picks up hard yardage.



	ROSE	OPPONENT
Manchester	13	0
Indiana Central	0	36
Wabash	6	27
DePauw	13	24
Hanover	0	24
Olivet Nazarene	23	15
Principia	43	6
Centre	17	6
Sewanee	30	19
Southwestern	10	30



Dan Haas cuts inside.



He never missed a home game.



Haas to Lewis - with Centre College close behind.



The offensive line charges out.



First row (L-R): Gary Ellis, Mike Schneider, Jeff Smith, Greg Heine, Joe Doner, Scott Wilson, Ed O'Neill, Mark Ripple, Tim Jeanes, Don Rosenbarger, Kim Smith. Second row: Mark Kaufman, Bob Burwell, Dave Mayfield, John Lewis, Jim Obergfell, Tom Wilttrout, Marty Schramm, Greg Schmit, Dave Wasil, Steve Anderson, Mike Skinner, Mark Denzin. Third row: Terry Peak, Doug Franckowski, Mark Collins, Paul Gunn, Bob Reifenberg, Kirk Peterson, Rick Altemeyer, Steve Edwards, Buddy Atherton, Joe Haniford, Dave Morris, Kurt Pfanstiel. Fourth row: Brent Harris, Tom Carlson, Alan

Fiscus, Allen Johnson, Rick Matovich, Mike Wolf, Lance Molenda, Pete Jacob, Brian Webster, Steve Jenison, Bob Stewart, Dan Haas, Scott Lindner. Fifth row: Tom Heckel, Matt Hodson, Chuck Pierce, Bill Krasson, Ron Baker, Greg Peak, Jeff Myers, Dave Forbes, Jim Enloe, Curt Miles, Jim Novacek, Rob Reiman. Sixth row: Trainer Til Panaranto, Ed Matthews, Mark Potter, Rod Hemmer, Al DeVore, Head Coach Joe Touchton, Coach Bob Thompson, Coach Hal McGaughey, Coach Dick Comer.

Dave Morris awaits a return to action.

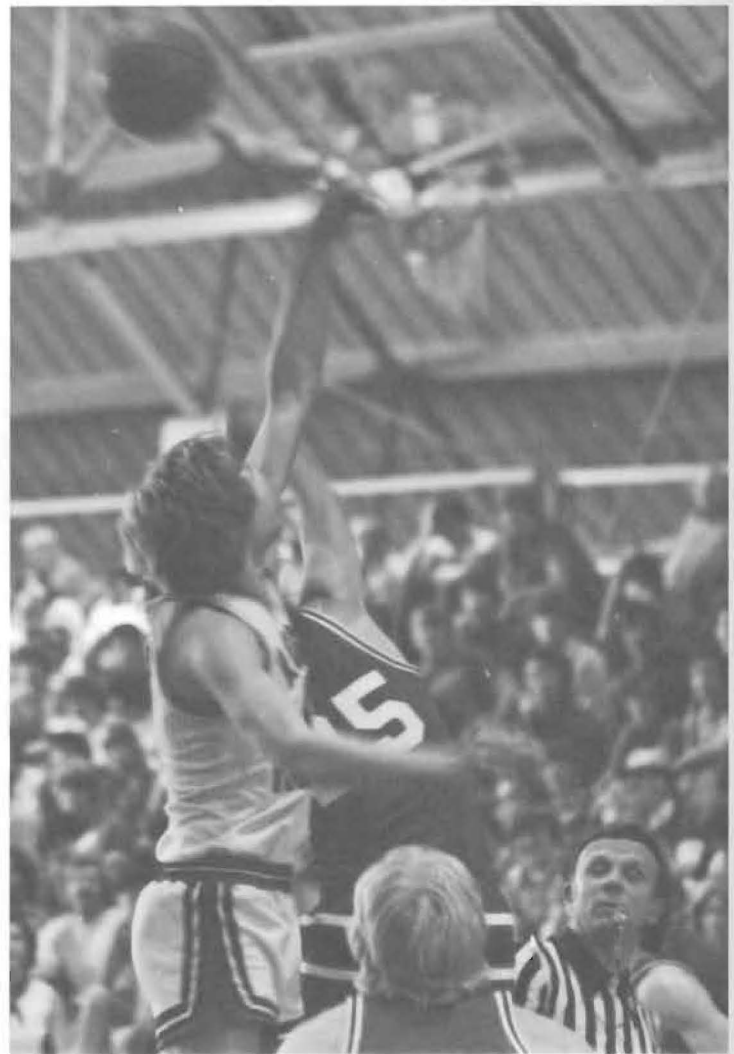


Netters Host NCAA Great Lakes Regional

For the second straight year, Rose-Hulman was invited to participate in the NCAA Division III Basketball Tournament, serving as host of the Great Lakes Regional for the 1977-78 season. En route to his third consecutive twenty-win season, Coach John Mutchner counted his 200th career victory at Rose and his second straight College Athletic Conference championship crown.

Individual honors went to senior Dave Sutherland, who was named to the All-CAC team at the season's end. The four-year regular finished third in both career rebounding and scoring statistics for the school. Another four-year starter, Roger Edelbrock, finished seventh and eleventh, respectively, in those categories.

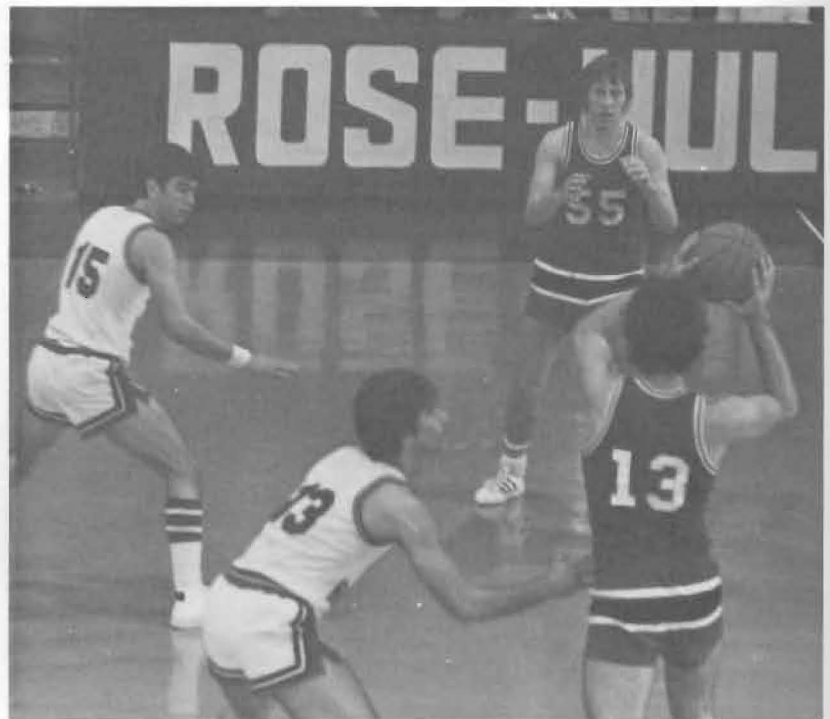
Other regulars were guards Mark Givan and Jim Baske, and forward Dave Strange. The year's biggest success factor, however, was the depth throughout the roster; helping out from the bench were Jeff Justus, Jim Boerger, George Bowman, Ron Dale, and Jerry Czarnecki.



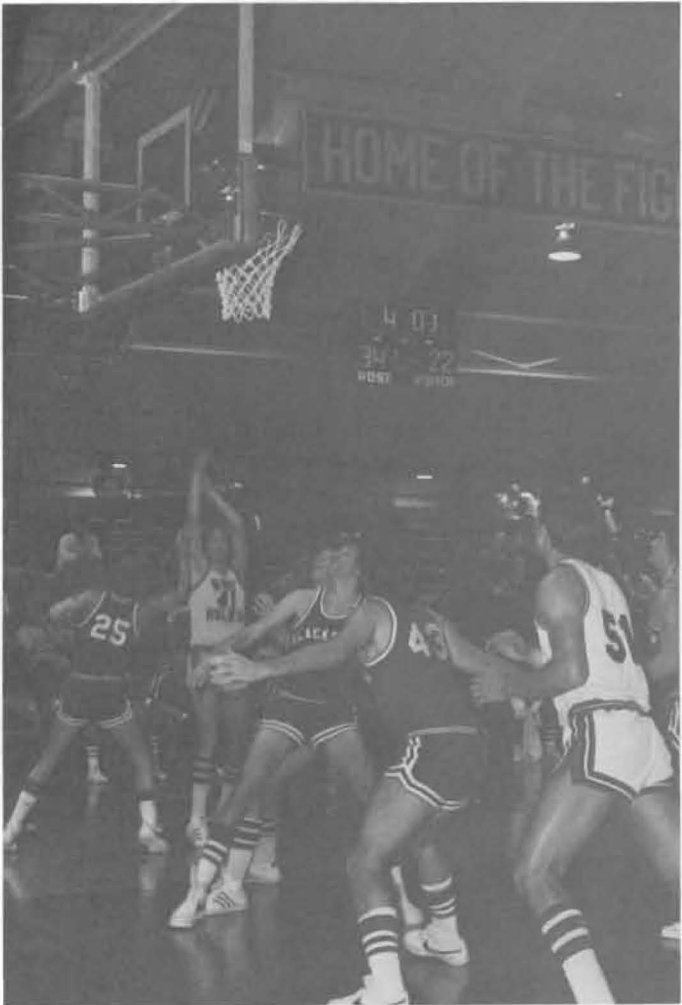
Professor Harmening refuses to watch a jump ball.



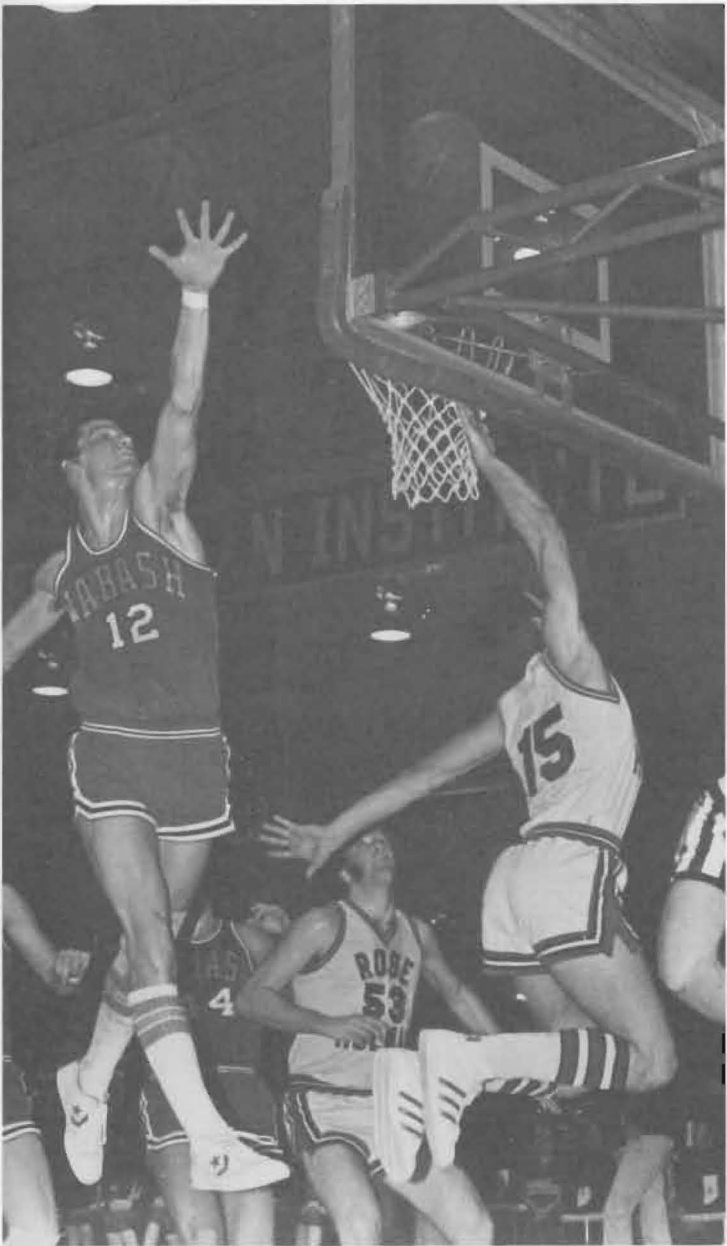
Dave Strange strikes for a lay up against Wabash.



Guards Jim Baske and Mark Givan were strong on defense.



Dave Sutherland hits from outside.

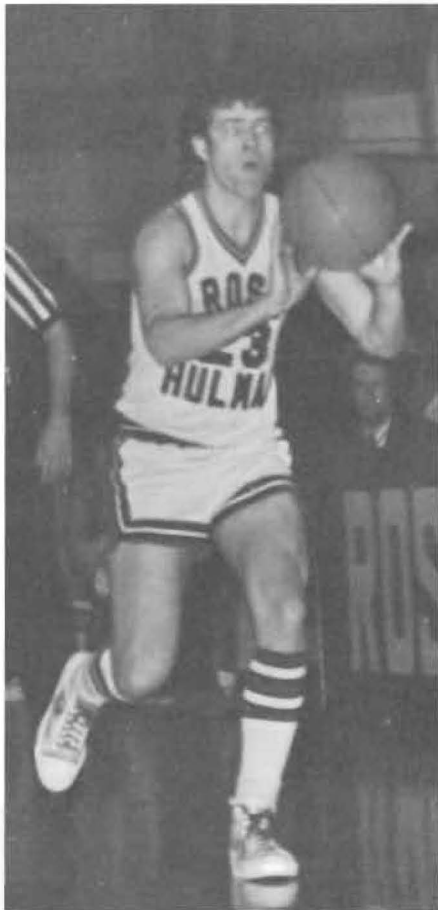


Baske drives to the bucket.





"Gimme an 'E'!"



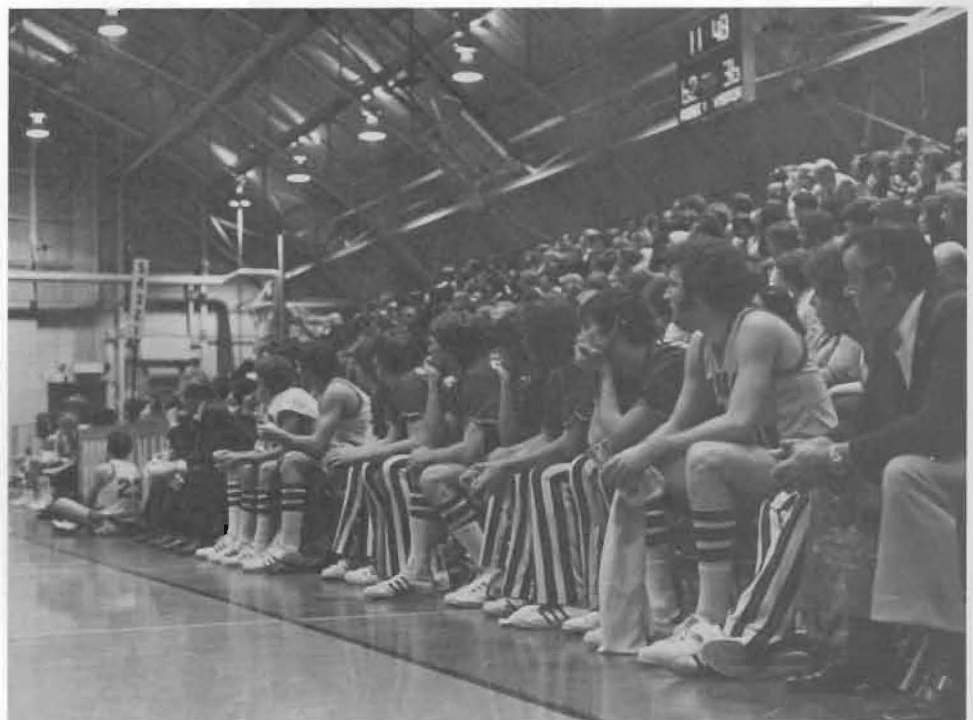
Jeff Justus heads downcourt.



R-H	OPP.
75 Austin	69
69 Trinity University	61
87 Blackburn	67
90 MacMurray	78
61 Kenyon	50
85 Illinois Tech	82
96 Eckerd	79
88 Manchester	79
68 Earlham	58
67 Greenville	79
80 Centre	72
83 Sewanee	74
72 Principia	70
66 DePauw	69
78 Blackburn	64
80 Illinois College	74
71 Sewanee	73
90 Southwestern	72
70 Hanover	67
89 Principia	73
52 Centre	67
79 Wabash	69
79 Southwestern	70
70 MacMurray	62
69 Illinois College	80
NCAA Great Lakes Regional	
68 Bethany	70
82 Otterbein	99



Roger Edelbrock dominates the middle.



The team relaxes en route to an easy victory.



First row: Jerry Czarnecki, Jim Baske, Jeff Justus, Mark Givan, Steve Hill, John Grunewald. Second row: Mark Taylor, George Bowman, Sam Reed, Tom Gustus. Third row: Coach John Mutchner, Manager

Merle Schrader, Dave Strange, Jim Boerger, Roger Edelbrock, Brian Balu, Mark Stegemiller, Dave Sutherland, Assistant Coach Mike Griggs. Not pictured: Ron Dale.

Ron Dale sets to pass off.

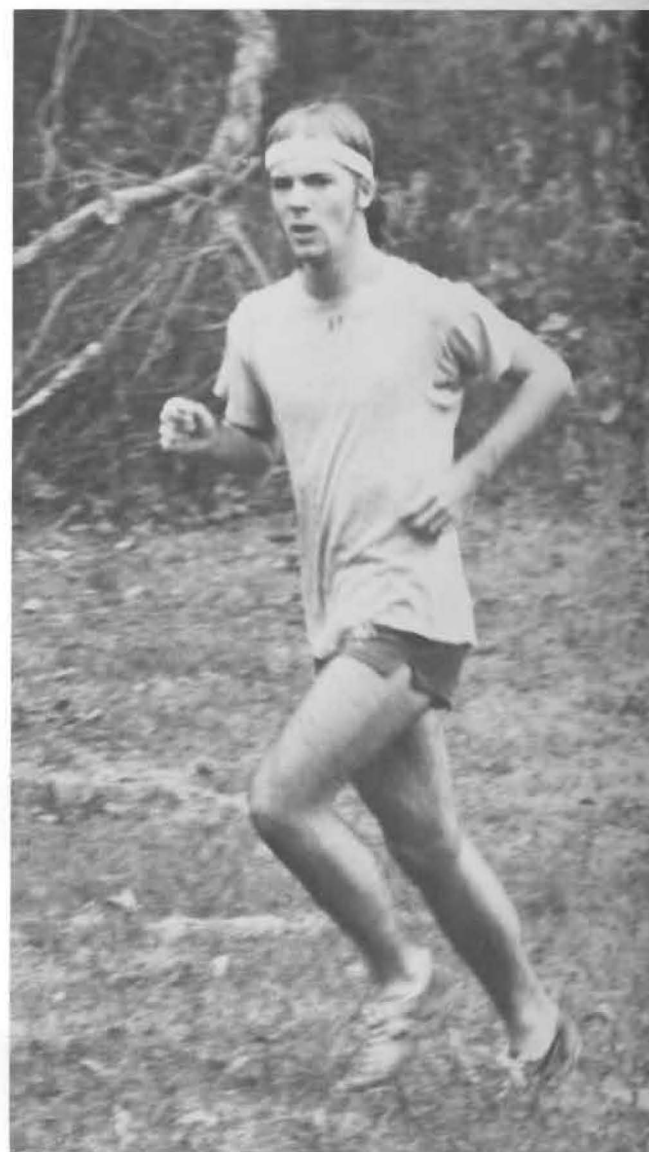


Our cheerleaders for the 1977-78 season were: (Front row) Debbie Pendergast, Bruce Anderson, Patty Peach, Cathy Opacyk, Lisa Monnett, Greg Leibel, Sarah Kratz, Rosie.

(Back row) Rick Lucas, Paul Rupprecht, Joe Raaf, Willie Frizzell, Chuck Venis. Not pictured: Darla Heck.

Cross Country Finishes 3-6

The 1977 cross country team ended the fall season with a disappointing 3-6 dual meet record. Coach Jim Rendel's squad also finished fourth in the CAC Conference meet. Senior Dennis Funk won the "Most Valuable Runner" award for his consistent performances. Other team members who had good seasons were sophomore Will Hentzen and freshman Doug Vinson.



Will Hentzen in practice.

MVR Dennis Funk makes good time.

Front row: Guy Gadowski, Robin McClain, Dennis Funk, Mike McCullough, Ken Hilk, Larr Etzler, Doug Vinson. Back row: Eric

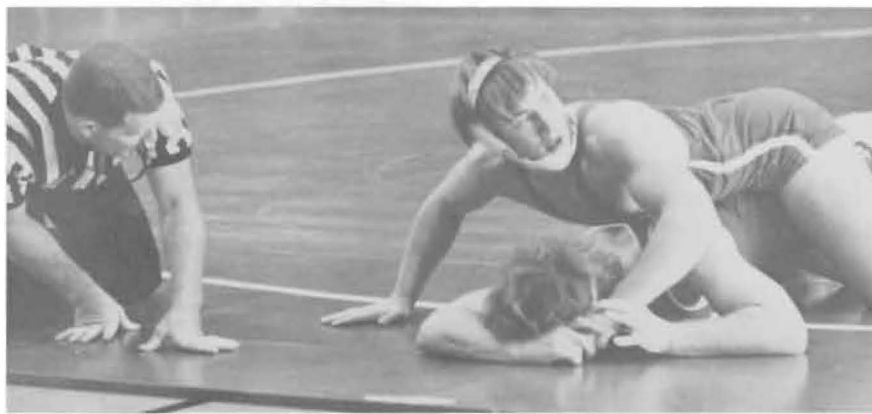
Vetters, Bill Fox, Hugh Winslow, Dan Hatten, Dan Musson, Steve Whitman, Jamie Oxley, Coach Rendel. Missing: Will Hentzen.

Wabash Hokum-Karem	6th
Butler Twin 2 1/2's	7th
Indiana State	lost
St. Joseph's	won
DePauw Invitational	11th
Franklin	won
DePauw	lost
Earlham	won
Butler	lost
Hanover	lost
Wabash	lost
Purdue Invitational	11th
Big-Little State	11th
Bellarmino	lost
CAC Meet	4th

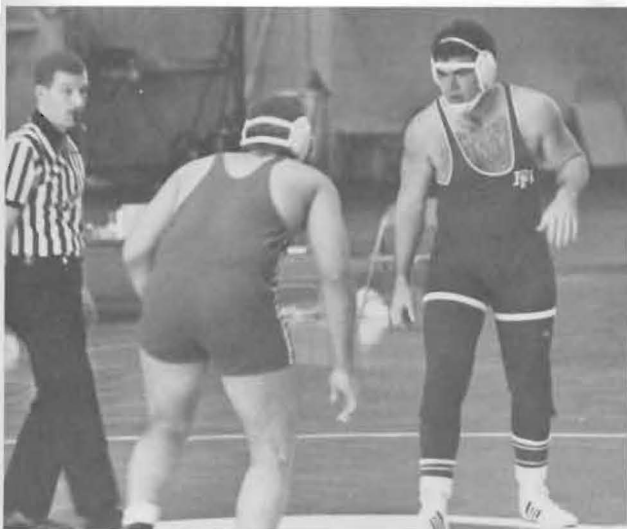


Wrestling Breaks Into Sports Line-up

In its first year, the wrestling team managed a 3-3-1 record in dual meets. The team was coached by Dan McGrath, who was also new to collegiate wrestling. Outstanding performances were turned in by Steve Kersch, who was invited to the National Finals, and Mark Hackney, another freshman.



"What now, Coach?"

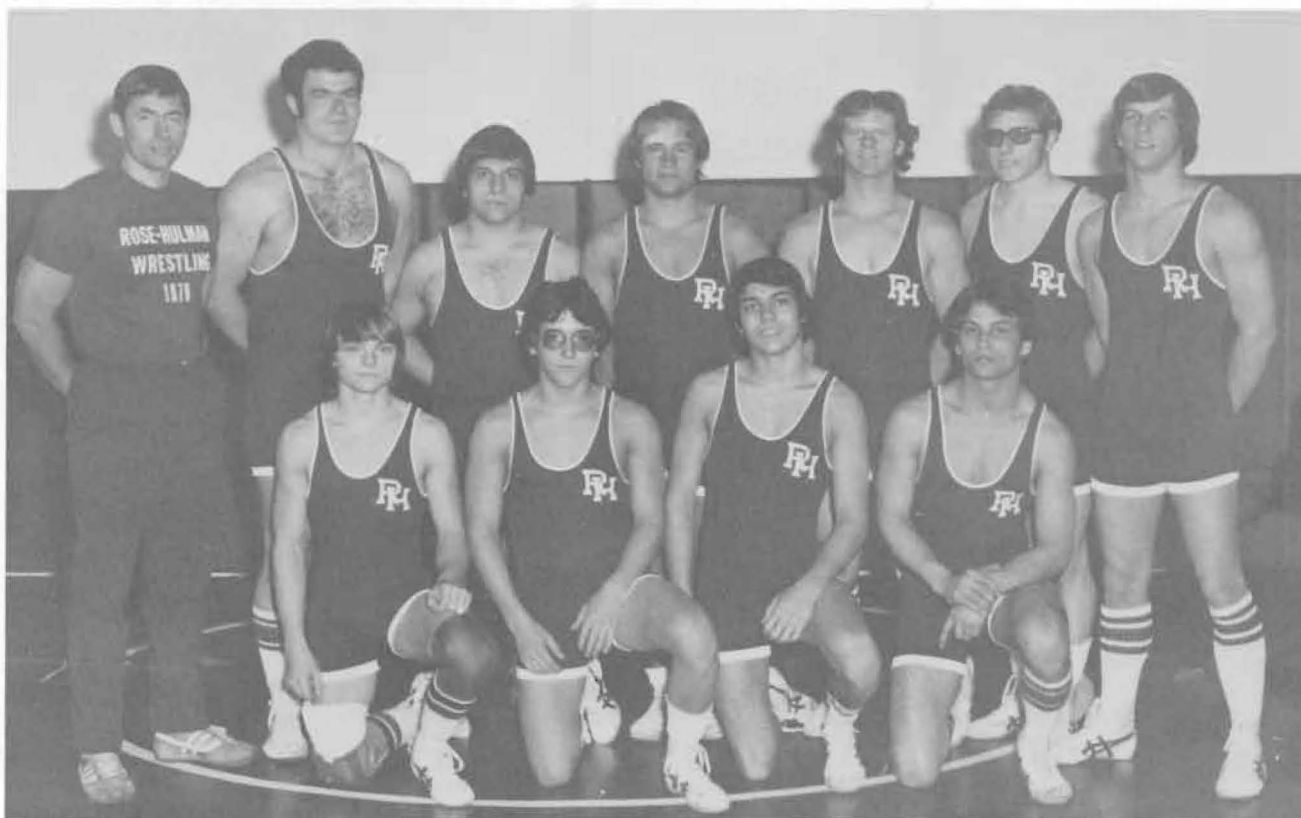


Doherty sizes up his opponent.

Dual Meets			
Rose	8	Wabash	35
Rose	5	Millikin	31
Rose	39	DePauw	26
Rose	36	St. Joseph's	18
Rose	30	Hanover	30
Rose	24	Hanover	28
Rose	32	Washington Univ.	24
Tournaments			
Little State		No Points	
Franklin Tournament		6th	
Wabash Tournament		5th	

Front: Mike Burrington, Steve Kersch, Mark Hackney, Dave Ulrich. Back: Coach Dan McGrath, Hank

Doherty, Andy Gavrilos, Marty Tieva, Mark Ripple, Bruce Kisler, Jeff Danner.



Rifle Team Enjoys Best Season Ever

After starting out slowly in its first two matches, the Rose-Hulman rifle team rebounded to fashion its finest record ever. The team was supervised by Sergeant Homer Hungerford, who served in 1977-78 as the coach for his last time. The highlight of the season was the Illinois Invitational match, where Rose finished first among twenty-eight Midwestern teams, and won eight of twenty-six individual awards. During the season, school records for both 4-man and 5-man teams were broken, and Most Valuable Shooter Chuck Leddon broke his own individual record. Gary Meier also had an outstanding season, as he finished second in the National Sectionals at Vanderbilt. Meier, Jim Gryga, and Mike Rasmussen all had perfect matches from the prone position during the season. The team's record was:

Ohio State	2nd
Walsh Invitational	8th
National Sectionals	3rd
Spartan Postal	2nd
Arizona	1st
Illinois Circle	2nd
N.E. Missouri State	2nd
Camp Perry Matches	3rd
Tampa	1st
California-Davis	6th
State Championship	3rd
Florida Tech	2nd
Miami	1st
Wisconsin-Lacrosse	6th
St. Mary's University	3rd
Iowa State	2nd
Texas A&I	8th
Intercollegiate ROTC Postal	8th
Army Second Region	11th
Purdue	1st
Illinois Invitational	1st
St. Norbert	3rd
Pittsburgh State	2nd

1977-78 Rifle Team: Front: Brian Raver, Chuck Leddon, Gary Meier, Steve Brockman, "Coach" Hungerford. Missing: Norman Frey, Mike Jim Gryga. Middle: Bob Brandel, Tim Juntunen. Back: Bill Miller, Rasmussen.





Raver sights his "prey" at forty yards.



The team brought this back from the Illinois Invitational.



A view of Rose's indoor range.



Gary concentrates on his target, as Chuck looks on.

Golf Squad Ends 5-2

The 1978 Golf team earned a 5-2 season record and a fourth place finish in the College Athletic Conference. Names Most Valuable Player was freshman Ron Knecht, who held the Number One spot throughout the season. Other players in the top five spots were Tony Thompson, Larry Beal, Steve Thompson, and Todd Hand. The squad was coached by Dr. Glenn Baca, himself once a collegiate golfer.



Ron Knecht displays his putting style.



Who is this golfer?

Rose	402	Indiana State	387
Rose	409	Wabash	417
Rose	409	DePauw	392
Rose	398	Washington Univ.	401
Rose	381	Anderson	402
Rose	340	Earlham	405
Rose	338	Principia	350



Front: Todd Hand, Steve Thompson, Larry Beal, Bob Kaminsky, Doug Shull. Back: Gary Shake, Chris Lindhjem, Gary Roberts, Tony Thompson, Greg Holler, J. Agee, Coach Glenn Baca. Not pictured: Ron Knecht.



Tennis Team Sports 6-7 Record

Head Coach Joe Touchton, in his seventh season at Rose, and newcomer assistant Dr. Duane Bruley directed the tennis team to a 6-7 record for 1978. The outstanding player was Jorgen Strabo, who finished first in the Number One Singles at both the Little State and CAC tournaments, while the squad ranked third in both. Also having a strong year was departing senior Mike Biggs.



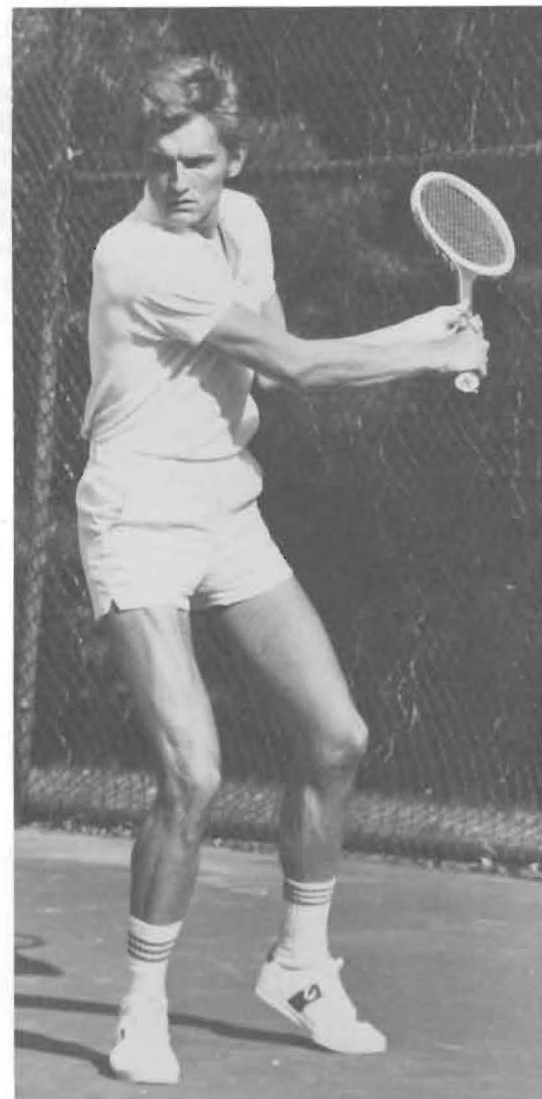
Co-captains Gregg Migaki . . .

. . . and Mike Biggs.



Matches			
Rose	3	Sewanee	6
Rose	2	Stetson	7
Rose	9	Berry	0
Rose	3	Wabash	6
Rose	9	Marian	0
Rose	5	Wabash	4
Rose	2	DePauw	7
Rose	2	Butler	7
Rose	9	Franklin	0
Rose	3	Sewanee	6
Rose	8	Principia	1
Rose	5	Southwestern	4
Rose	8	Centre	1

Tournaments	
Little State	3rd
DePauw Invitational	7th
CAC Tournament	3rd



Danish transfer Strabo was a welcome asset.

Front: David Boodt, Mike Biggs, Mark Tyrell. Back: Assistant Coach Duane Bruley, Gregg Migaki,

Jorgen Strabo, Matt Harter, Dan Hatten, Head Coach Joe Touchton.



Engineers Have 11-23 Record

After losing its first twelve games of the season, the Engineer diamondmen played .500 ball the rest of the way to finish with an 11-23 mark. In the biggest game of the year, Most Valuable Player Gary Ellis pitched a 10-inning shutout over Indiana State in a 1-0 victory. Over the season, Ellis had a 4-3 record, including both wins over ISU. Bob Burwell led the team in hitting with a solid .388 average, and Denny Byram provided defensive leadership with his glove. Coach Jim Rendel expects the team to improve next year, as it loses only two of its players to graduation.



Denny Byram is forced out at second.



Marty Schramm starts his cut.



Jay Gehring defends against a steal.



A dejected dugout sits through the Butler loss.



Woszczynski hurls against Butler



Foushee breaks up a double play at second.

Front: Dave Forbes, Jay Gehring, Steve Nelson, Brad Burton, Jeff Wolfe, Kevin Giles, Ab Boaz, Bob Leitgabel. Middle: John Butwin, Stan Woszczynski, Marty Schramm, Vince Foushee, Denny Byram, Al Bell, Steve Hill, John Brabender. Back: Coach Jim

Rendel, Assistant Darrell Logan, Benji Boyd, Gary Ellis, Bob Burwell, George Bowman, Denny Baker, Mike Skinner.

Rose	0	Valdosta State	8
Rose	3	Valdosta State	12
Rose	0	Florida State	17
Rose	5	Florida State	6
Rose	3	Florida State	7
Rose	1	Florida State	14
Rose	4	Mercer	7
Rose	2	Mercer	14
Rose	1	Indiana Central	8
Rose	4	Indiana Central	9
Rose	1	Indiana State	0
Rose	2	Indiana State	11
Rose	1	Butler	9
Rose	11	Butler	20
Rose	7	Wabash	8
Rose	13	Wabash	10
Rose	13	Washington Univ.	0
Rose	4	Washington Univ.	5
Rose	6	Marian	7
Rose	7	Marian	3
Rose	5	DePauw	9
Rose	0	DePauw	3
Rose	12	Franklin	1
Rose	3	Franklin	4
Rose	3	IU-PU-Ft. Wayne	1
Rose	5	IU-PU-Ft. Wayne	2
Rose	7	Earlham	1
Rose	5	Earlham	1
Rose	3	Greenville	4
Rose	0	Greenville	3
Rose	0	Indiana State	8
Rose	6	Indiana State	2
Rose	0	Centre	3
Rose	1	Principia	0



Track Team Has Successful Year

Gaining All-American distinction for the fourth straight year, Tony Allen led the Rose-Hulman track squad to a 7-1 dual meet record. En route during the year, he set six school records and was named Most Valuable Field Events Man. Awarded Most Valuable Runner was sprinter Dave Tappendorf, who had a hand in breaking three school standards. Important departing seniors were Dennis Funk and Mike Privette, both of whom served with Allen as tri-captains. Others making big contributions to the season were Eric Clouse, Steve Stroder, and Jim Novacek.



Rain-soaked Privette outdoes Allen at the wire.



Will Hentzen lights on water during steeple chase.



All-American Tony Allen qualified for the NCAA meet.

Meets			
Rose	76	DePauw	62
Rose	76	Evansville	23
Rose	96	Anderson	34
Rose	95	Hanover	59
Rose	75	Franklin	70
Rose	85	Wabash	69
Rose	76	Evansville	78
Rose	80 1/2	DePauw	73 1/2
Tournaments			
Little State			5th
DePauw Invitational			5th
CAC Meet			2nd



Freshman Novacek set a school record of 14'6".



Matovich led all Rose throwers.

Stroder is challenged by Wabash hurdler.



Clouse and Tappendorf on the exchange.

Front: Assistant Jim Hargis, Will Hentzen, Dennis Funk, J. R. Flesch, Mike Privette, Rob Graebe, Tony Allen, Robin McLain, Mike McCullough, Tom Pendergast, Mark Stoddard, Lance Molenda, Coach Bob Thompson. Middle: Trainer Mark Potter, Ken Hilke, Steve Stroder, Dan Haas, Rick Matovich, Hugh Winslow, Dave Tappendorf,

Eric Clouse, Tim Campbell, Ian Todd, Steve Wilson. Back: Jack Wickham, Matt Hodson, Jim Novacek, Alan Fiscus, Rick Altemeyer, Mark Mason, Tom Bruns, Jamie Skinner, Eric Vetter, Tom Wilttrout, Larr Etzler.



IM: Lambda Chi Wins All-Sports Trophy

On the last day of intramurals, Lambda Chi Alpha edged Alpha Tau Omega for the All-Sports Trophy by three points, 577 to 574. These points are awarded for final standings in all IM sports during the year. Finishing a distant third were the Independents with 488 points.





All-Sports Standings

Lambda Chi	577
ATO	574
Independents	488
Fiji	348
Sigma Nu	334
Deming-Mees	267
BSB	217
Speed	215





Season's End: CAC and Sports Banquet

Rose-Hulman hosted the College Athletic Conference Spring Sports Festival in May. In the quest for the President's Trophy, the Big Bell, Rose finished second.



Rain was the main event for the day.

CAC Finishes	
Cross-Country	4th
Football	2nd
Basketball	1st
Baseball	3rd
Track	2nd
Tennis	3rd
Golf	4th
Overall	2nd

At the Spring Sports Banquet, three seniors were presented the Ruel Fox Burns Blanket as the outstanding varsity athletes for 1978. The winners were Tony Allen, Gary Ellis, and Dave Sutherland. Named winner of the Old Jock Award was Jim Wilson, the school's maintenance employee assigned to the athletic complex.



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Coach John Mutchner, Sutherland, Burns.

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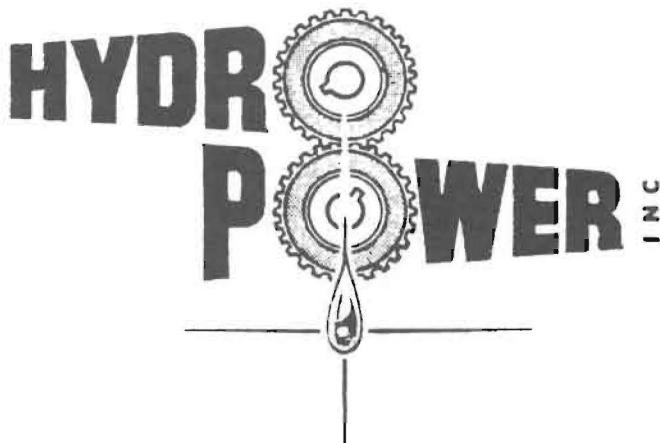
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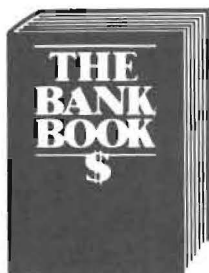
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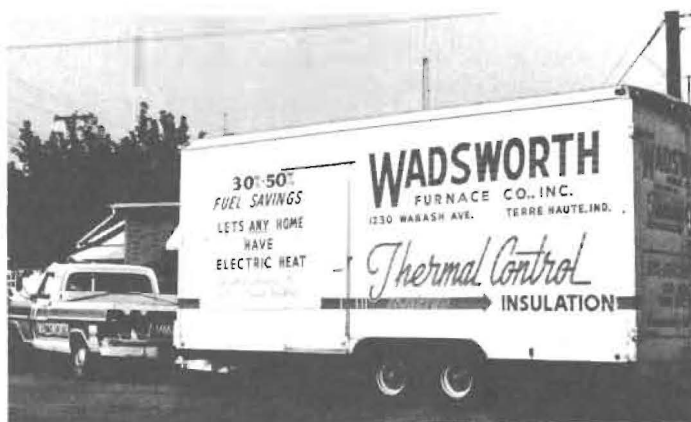
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